

Metropolitan Housing Characteristics

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MANCHESTER, N.H.

STANDARD METROPOLITAN STATISTICAL AREA

1980

Census of Housing

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1980 Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

MANCHESTER, N.H.

HC80-2-233

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, Bruce Chapman and Deputy Director, C. L. Kincannon. Primary direction of the data publication program was performed by William P. Butz, Associate Director for Demographic Fields, assisted by Peter A. Bounpane, Assistant Director for Demographic Census, in conjunction with Barbara A. Bajilar, Associate Director for Statistical Standards and Methodology, Howard N. Hamilton, Acting Associate Director for Information Technology, James D. Lincoln, then Associate Director for Administration, and Stanley D. Moore, Associate Director for Field Operations. The Director's staff was assisted by Sherry L. Courtland. Direction of the census enumeration and early processing activities was provided by Vincent P. Barabba, former Director; Daniel B. Levine, former Deputy Director; and George E. Hall, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of Stanley D. Matchett, Chief, assisted by Rachel F. Brown and Roger O. Lepage, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: Donald R. Dalzell, H. Ray Dennis, Stephen E. Goldman, Dennis W. Stoudt, and Richard R. Warren.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of Arthur F. Young, Chief; Leonard J. Norry, Assistant Chief; and William A. Downs, Chief, Decennial Planning and Data Services Branch. This report was prepared by Robert W. Bonnette, Carol A. Comisarow, Richard G. Knapp, and Charles N. Moore. Important contributions were made by Carmina F. Young, Special Assistant.

Administration support was provided by the Administrative Services Division, Robert L.

Kirkland, Chief, and William C. Fanning, Assistant Chief.

Computer processing was performed in the Computer Services Division, C. Thomas DiNenna, Chief, James E. Steed, George M. Bowden, and Joseph J. Sferella, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, James S. Werking, then Chief, under the direction of Harry O'Haver, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, Don L. Adams, Chief; Jeffersonville Processing Office, Robert L. Kirkland, then Processing Manager; New Orleans Processing Office, Robert L. Allen, Chief; and Laguna Niguel Processing Office, Robert N. Scheller, Chief.

User services were provided by the Data User Services Division under the supervision of Michael G. Garland, Chief, Marshall L. Turner, Jr., and Paul T. Zeisset, Assistant Chiefs.

Data collection activities were supervised in the Field Division by Lawrence T. Love, Chief, under the direction of Richard Blass, Charles Hancock, and George T. Reiner, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of Robert W. Marx, Chief; Joseph J. Knott and Silla G. Tomasi, Assistant Chiefs; and Donald I. Hirschfeld, Special Assistant.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, Raymond J. Koski, Chief; Milton S. Andersen, Arlene C. Duckett, and Gerald A. Mann, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and

producing variance estimates. This work was supervised by Charles D. Jones, Chief; Susan M. Miskura and Robert T. O'Reagan, Assistant Chiefs. Important contributions were made by David H. Diskin, Milton C. Fan, Thomas W. Harahush, Robert S. Jewett, J. Kim, Teresa A. Passalacqua, Charles E. Talbert, John H. Thompson, and Henry F. Woltman.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, C. Thomas DiNenna, Acting Chief, and Robert J. Varson, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 2, Metropolitan housing characteristics.

HC80-2-

Issued August 1983-

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Metropolitan housing characteristics.

HD7293.A6114 312'.9'0973 81-607957
AACR2

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11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
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21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
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150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.	266	Northeast Pennsylvania
		190	Jackson, Miss.	230	Lynchburg, Va.	267	Norwalk, Conn.
151	Fall River, Mass.-R.I.			231	Macon, Ga.	268	Ocala, Fla.
152	Fargo-Moorhead, N. Dak.-Minn.	191	Jacksonville, Fla.	232	Madison, Wis.	269	Odessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
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155	Fitchburg-Leominster, Mass.	195	Johnson City-Kingsport-Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
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158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville-Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley-Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	276	Panama City, Fla.
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
164	Fort Wayne, Ind.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
165	Fresno, Calif.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
		206	Lafayette, La.	244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
167	Gainesville, Fla.			246	Modesto, Calif.	283	Philadelphia, Pa.-N.J.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.	247	Monroe, La.	284	Phoenix, Ariz.
169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	248	Montgomery, Ala.	285	Pine Bluff, Ark.
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172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
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174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	291	Portsmouth-Dover-Rochester, N.H.-Maine
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176	Greensboro-Winston-Salem-High Point, N.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
177	Greenville-Spartanburg, S.C.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
178	Hagerstown, Md.	220	Lima, Ohio			296	Racine, Wis.
179	Hamilton-Middletown, Ohio	221	Lincoln, Nebr.	258	New London-Norwich, Conn.-R.I.	297	Raleigh-Durham, N.C.
180	Harrisburg, Pa.	222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	298	Reading, Pa.
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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
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Introduction

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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980

Census of Housing

Metropolitan Housing Characteristics

MANCHESTER, N.H.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-233

Contents

Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear	XII
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

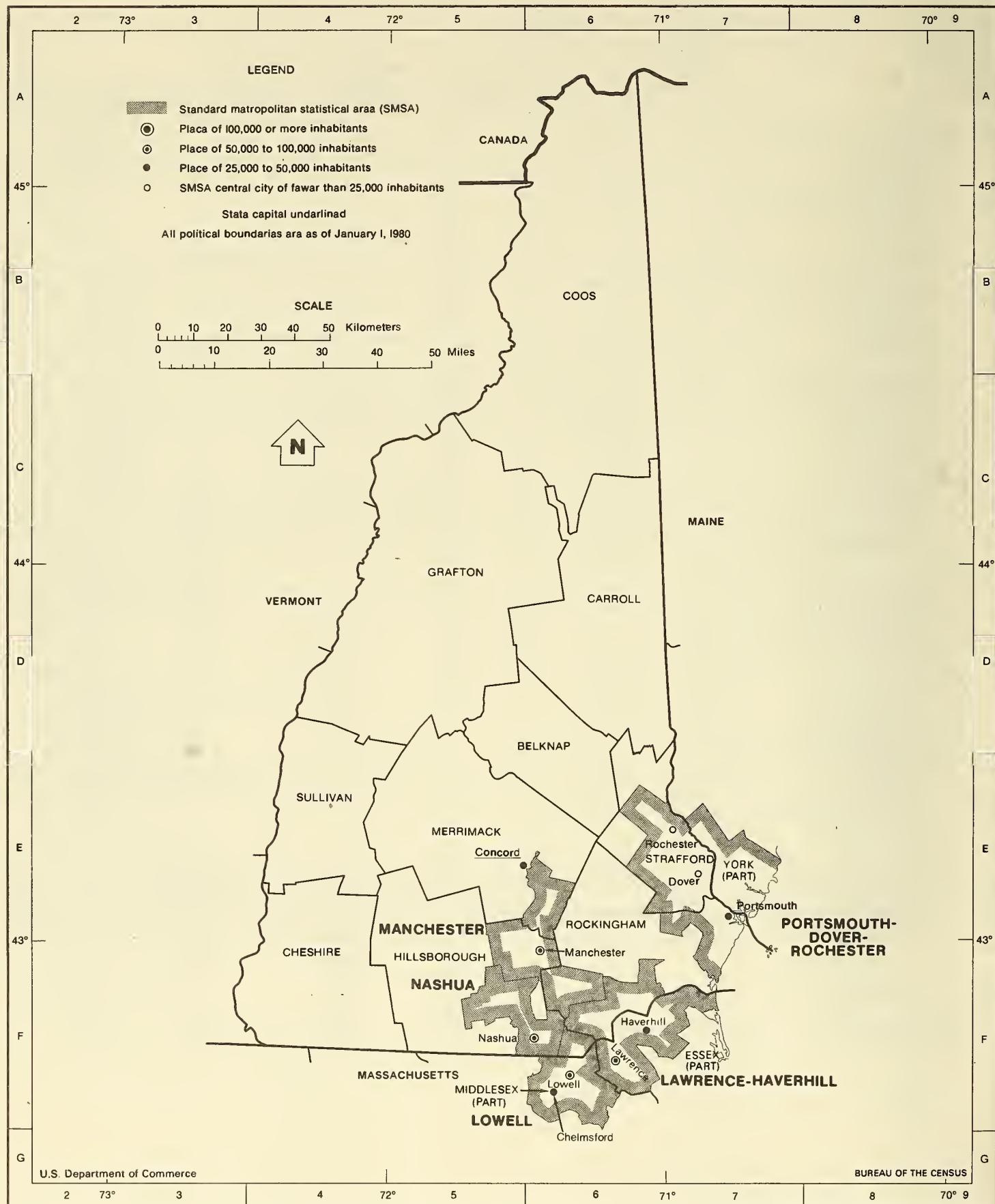
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



SMSA boundaries are defined on June 19, 1981

CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

1. In tables where the median age for total persons in owner-occupied and renter-occupied housing units is shown as ~~-054~~, the correct entry should be three dots (...).
2. The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

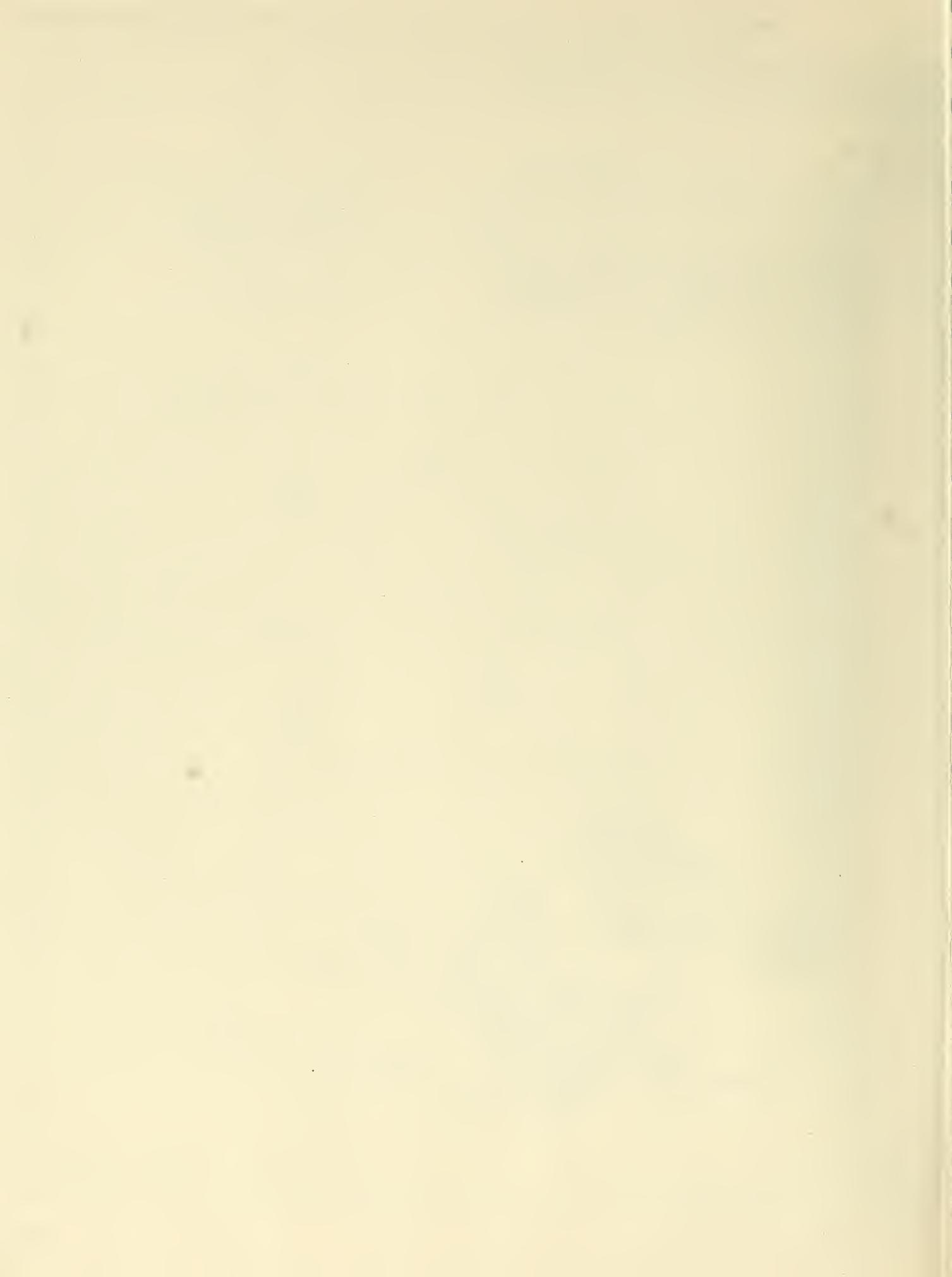


Table A-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.)

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	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)	
Specified owner-occupied housing units	25 467	121	613	1 634	3 731	6 664	5 537	4 837	1 387	766	177	50 000	53 600	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	20 588	73	424	1 013	2 769	5 303	4 548	4 370	1 216	720	152	51 400	55 400	
15 to 24 years	372	—	5	7	96	88	120	52	4	—	—	46 400	47 500	
25 to 34 years	4 959	7	13	119	480	1 385	1 438	1 112	291	105	9	53 500	56 000	
35 to 44 years	5 180	4	63	106	573	1 250	1 048	1 298	457	297	84	55 400	62 000	
45 to 64 years	7 779	26	204	447	1 145	1 933	1 671	1 601	403	290	59	50 600	54 500	
65 years and over	2 298	36	139	334	475	647	271	307	61	28	—	42 300	43 900	
Male householder, no wife present	1 541	14	77	187	289	402	300	149	92	31	—	44 300	46 700	
15 to 24 years	61	—	8	12	24	10	7	—	—	—	—	34 800	33 600	
25 to 34 years	286	—	4	13	35	87	57	61	23	6	—	50 700	53 700	
35 to 44 years	269	7	5	13	42	85	50	22	25	20	—	48 300	54 400	
45 to 64 years	506	—	21	89	93	157	85	30	31	—	43 100	43 900		
65 years and over	419	7	39	60	95	63	101	36	13	5	—	40 700	42 200	
Female householder, no husband present	3 338	34	112	434	673	959	689	318	79	15	25	44 500	45 700	
15 to 24 years	34	—	—	—	7	20	7	—	—	—	—	42 500	44 600	
25 to 34 years	413	—	7	33	80	133	101	35	12	4	8	46 500	50 100	
35 to 44 years	402	—	—	5	49	127	136	49	25	11	—	51 000	54 500	
45 to 64 years	1 227	22	43	157	278	352	212	126	28	—	9	43 500	44 800	
65 years and over	1 262	12	62	239	259	327	233	108	14	—	8	41 800	42 500	
Median age	46.7	63.4	61.3	61.4	53.4	46.3	43.1	42.9	41.9	43.0	40.2	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	2 859	6	24	59	240	622	790	727	189	178	24	56 100	61 100	
1975 to 1978	7 076	—	16	179	747	1 695	1 743	1 711	610	305	70	55 100	60 000	
1970 to 1974	3 849	20	59	230	529	959	882	806	226	125	13	51 200	54 500	
1960 to 1969	5 548	29	160	354	830	1 790	1 132	845	245	127	36	47 900	51 300	
1959 or earlier	6 135	66	354	812	1 385	1 598	990	748	117	31	34	42 700	44 500	
ROOMS														
1 to 3 rooms	354	30	59	66	89	74	19	17	—	—	—	31 900	31 900	
4 rooms	2 417	33	139	394	672	638	372	131	27	11	—	39 500	39 800	
5 rooms	5 887	8	193	479	1 178	2 012	1 255	648	74	40	—	45 200	45 900	
6 rooms	7 546	40	87	447	1 083	2 310	1 922	1 396	216	37	8	49 200	50 300	
7 rooms	4 923	4	102	172	504	1 123	1 175	1 368	357	88	30	54 000	57 000	
8 or more rooms	4 340	6	33	76	205	507	794	1 277	713	590	139	67 500	75 700	
Median	6.0	4.4	5.1	5.2	5.4	5.8	6.1	6.7	7.5	8.4	8.5+	...	...
BEDROOMS														
None	20	7	—	7	6	—	—	—	—	—	—	32 100	26 800	
1	1 043	17	86	223	253	228	131	80	21	4	—	37 200	39 000	
2	5 821	53	241	637	1 316	1 770	957	643	154	50	—	43 700	44 800	
3	12 699	29	205	539	1 615	3 562	3 345	2 683	548	139	34	51 100	52 900	
4	5 022	9	72	185	454	980	925	1 264	586	448	99	58 400	65 700	
5 or more	862	6	9	50	86	118	179	167	78	125	44	58 800	73 300	
YEAR STRUCTURE BUILT														
1975 to March 1980	4 034	—	4	16	73	498	1 209	1 342	496	323	73	61 900	69 800	
1970 to 1974	2 870	7	11	52	222	623	767	831	202	142	13	56 500	60 700	
1960 to 1969	4 951	29	64	171	514	1 422	1 207	1 061	350	350	101	32	52 000	55 800
1950 to 1959	4 720	—	118	362	944	1 530	922	622	139	69	14	46 300	48 500	
1940 to 1949	2 466	6	106	227	545	842	329	308	77	22	4	44 200	46 000	
1939 or earlier	6 426	79	310	806	1 433	1 749	1 103	673	123	109	41	43 000	45 400	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	1 184	35	70	148	238	288	249	106	33	17	—	42 600	43 600	
\$5,000 to \$9,999	2 201	15	156	400	521	580	300	179	24	18	8	40 100	41 300	
\$10,000 to \$12,499	1 301	15	55	193	309	365	227	97	35	5	—	42 300	42 700	
\$12,500 to \$14,999	1 248	8	59	147	251	350	239	142	37	6	9	44 100	45 800	
\$15,000 to \$19,999	3 888	33	100	259	822	1 168	836	526	88	56	—	46 700	47 700	
\$20,000 to \$24,999	4 546	9	51	230	604	1 428	1 118	957	104	45	—	49 700	51 200	
\$25,000 to \$34,999	6 686	6	61	148	682	1 864	1 733	1 581	405	191	15	53 000	56 500	
\$35,000 to \$49,999	2 981	—	46	100	257	475	637	830	445	161	30	59 600	63 900	
\$50,000 or more	1 432	—	15	9	47	146	198	419	216	267	115	74 600	86 800	
Median	\$22 865	\$11 750	\$13 581	\$13 793	\$18 383	\$21 689	\$24 009	\$27 503	\$34 143	\$40 868	\$62 729	...	...
Mean	\$25 007	\$11 967	\$16 823	\$15 939	\$19 285	\$22 383	\$24 846	\$29 561	\$36 135	\$45 026	\$72 200	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	18 195	33	218	651	2 297	4 812	4 233	3 926	1 195	692	138	52 300	56 800	
Less than 15 percent	3 608	6	77	136	513	992	726	734	236	139	49	51 000	56 800	
15 to 19 percent	3 856	—	31	128	525	1 162	755	789	277	166	23	50 900	56 800	
20 to 24 percent	3 642	7	23	142	408	849	1 002	880	220	98	16	53 900	56 500	
25 to 29 percent	2 822	—	30	101	326	677	777	600	206	90	15	53 600	56 900	
30 to 34 percent	1 559	4	4	48	161	431	339	379	81	112	—	53 300	59 000	
35 percent or more	2 663	9	53	96	358	701	614	532	175	90	35	51 400	56 300	
Not computed	45	7	—	—	6	—	20	12	—	—	—	57 400	49 100	
Median	22.2	27.0	20.2	22.2	21.3	21.5	23.1	22.5	21.9	22.2	19.3	...	...
Not mortgaged	7 272	88	395	983	1 434	1 852	1 304	911	192	74	39	43 900	45 600	
Less than 10 percent	1 680	26	87	177	274	409	328	258	89	10	22	46 500	49 400	
10 to 14 percent	1 650	5	86	140	362	457	316	211	42	23	8	45 700	46 900	
15 to 19 percent	1 107	23	46	188	217	264	217	133	10	—	9	43 100	44 400	
20 to 24 percent	908	16	75	186	176	166	150	98	20	21	—	40 100	42 500	
25 to 29 percent	408	—	4	50	110	111	50	71	7	5	—	42 600	46 000	
30 to 34 percent	343	—	9	73	92	79	38	46	6	—	—	39 800	42 700	
35 percent or more	1 126	18	88	157	196	356	198	94	4	15	—	42 600	42 300	
Not computed	50	—	—	12	7	10	7	—	14	—	—	43 000	52 000	
Median	16.3	17.8	17.7	19.3	16.8	16.0	15.1	14.7	10.0	21.0	10—	...	...
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	25 398	110	602	1 628	3 725	6 657	5 516	4 830	1 387	766	177	50 000	53 700	
1.01 or more persons per room	494	—	24	40	157	177	59	30	7	—	—	41 100	41 600	
Locking complete plumbing for exclusive use	69	11	11	6	6	7	21	7	—	—	—	40 400	35 600	
1.01 or more persons per room	1.01	—	—	—	—	—	—	—	—	—	—	—	—	
Heating equipment	25 459	121	605	1 634	3 731	6 664	5 537	4 837	1 387	766	177	50 000	53 700	
Central heating system	22 393	78	529	1 439	3 339	6 012	4 792	4 151	1 172	725	156	49 700	53 700	
Air conditioning	9 274	17	153	444	1 177	2 546	2 026	1 906	608	303	94	51 200	56 100	
Central system	455	—	20	11	26	104	86	101	11	59	37	58 200	74 800	
Income in 1979 below poverty level	886	25	45	134	143	179	206	107	27	20	—	44 600	45 800	
Percent below poverty level	3.5	20.7	7.3	8.2	3.8	2.7	3.7	2.2	1.9	2.6	—	...	...

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

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Specified renter-occupied housing units-----

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	23 234	1 626	1 469	3 184	5 218	4 929	3 570	1 416	833	339	650	248
Married-couple families	8 617	127	311	941	1 885	2 040	1 533	800	451	257	272	276
15 to 24 years	1 380	9	48	111	362	464	256	94	36	—	—	268
25 to 34 years	2 979	15	40	283	645	777	625	301	167	93	33	285
35 to 44 years	1 154	9	74	59	186	264	211	108	126	69	48	295
45 to 64 years	1 865	22	47	249	397	354	281	231	88	81	115	274
65 years and over	1 239	72	102	239	295	181	160	66	34	14	76	228
Male householder, no wife present	5 309	276	395	851	1 256	1 118	789	241	187	54	142	248
15 to 24 years	1 122	24	54	163	303	303	151	72	30	6	16	252
25 to 34 years	1 746	19	46	248	367	456	382	95	75	30	28	272
35 to 44 years	751	—	64	107	237	157	66	41	53	12	14	243
45 to 64 years	1 013	104	116	201	226	132	138	26	29	6	35	214
65 years and over	677	129	115	132	123	70	52	7	—	—	49	171
Female householder, no husband present	9 308	1 223	763	1 392	2 077	1 771	1 249	375	195	28	236	229
15 to 24 years	1 326	29	56	160	364	354	244	67	29	6	17	257
25 to 34 years	2 082	45	108	281	436	669	354	108	59	4	18	264
35 to 44 years	949	16	66	103	223	188	210	60	55	5	23	266
45 to 64 years	1 889	122	191	358	562	245	241	77	38	11	44	225
65 years and over	3 062	1 011	342	490	492	315	199	63	14	2	134	159
Median age	38.0	74.1	56.4	47.1	36.9	31.2	32.8	34.5	35.7	37.9	37.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	9 023	313	381	1 804	1 743	2 323	1 884	767	515	187	106	279
1975 to 1978	7 687	436	455	1 021	2 013	1 719	1 164	454	186	129	110	247
1970 to 1974	3 091	537	272	507	671	508	285	120	91	14	86	217
1960 to 1969	1 672	185	179	360	383	229	156	61	8	9	102	208
1959 or earlier	1 761	155	182	492	408	150	81	14	33	—	246	192
ROOMS												
1 room	817	263	205	223	81	12	6	—	—	12	15	129
2 rooms	1 524	347	269	376	277	145	71	6	—	33	41	169
3 rooms	5 044	635	311	821	1 290	1 325	504	97	10	10	229	229
4 rooms	7 533	259	335	788	1 722	1 961	1 498	521	266	47	136	267
5 rooms	5 386	102	242	671	1 334	981	1 034	436	325	82	179	263
6 rooms	2 156	20	80	268	400	404	398	296	137	87	66	286
7 or more rooms	774	—	27	37	114	101	59	60	95	101	180	315
Median	4.1	2.8	3.3	3.7	4.1	4.0	4.3	4.7	4.9	5.7	5.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	23 234	1 626	1 469	3 184	5 218	4 929	3 570	1 416	833	339	650	248
Complete plumbing for exclusive use	22 376	1 422	1 315	3 080	5 066	4 800	3 525	1 396	821	333	618	250
0.50 or less	13 768	1 111	769	2 107	3 339	2 864	2 025	630	315	115	493	241
0.51 to 1.00	8 069	311	496	916	1 623	1 857	1 419	711	442	198	96	269
1.01 to 1.50	438	—	50	36	78	76	75	50	45	6	22	272
1.51 or more	101	—	—	21	26	3	6	5	19	14	7	250
Lacking complete plumbing for exclusive use	858	204	154	104	152	129	45	20	12	6	32	175
0.50 or less	409	95	34	67	82	73	20	11	6	6	15	200
0.51 to 1.00	398	109	95	31	70	56	25	9	—	3	141	141
1.01 to 1.50	27	—	9	6	—	—	—	—	6	—	6	163
1.51 or more	24	—	16	—	—	—	—	—	—	—	8	111
Income in 1979 below poverty level	4 010	830	430	603	709	585	422	153	119	17	142	206
Complete plumbing for exclusive use	3 768	738	387	573	670	575	410	148	119	17	131	210
1.01 or more persons per room	168	—	29	19	45	31	17	12	8	7	—	243
Lacking complete plumbing for exclusive use	242	92	43	30	39	10	12	5	—	—	11	114
1.01 or more persons per room	17	—	9	—	—	—	—	—	—	—	8	115
BEDROOMS												
None	940	306	227	251	107	12	6	—	—	12	19	135
1	7 806	1 003	640	1 440	1 858	1 772	775	145	66	18	89	221
2	9 603	275	368	1 015	2 198	2 345	1 962	772	333	104	231	270
3	4 132	42	198	426	941	740	747	369	344	124	201	275
4	647	—	23	52	99	60	74	122	69	62	86	331
5 or more	106	—	13	—	15	—	6	8	21	19	24	394
UNITS IN STRUCTURE												
1, detached or attached	1 868	44	47	144	307	221	243	149	220	183	310	303
2	4 333	120	181	602	951	818	710	389	300	82	180	264
3 and 4	5 451	215	227	1 059	1 685	1 125	715	233	114	20	58	237
5 to 9	4 743	347	418	754	1 442	994	482	195	62	8	41	231
10 to 49	5 787	479	427	555	689	1 676	1 379	410	97	20	55	279
50 or more	795	421	169	50	29	32	21	21	33	19	—	97
Mobile home or trailer, etc.	257	—	—	20	115	63	20	19	7	7	6	247
YEAR STRUCTURE BUILT												
1975 to March 1980	1 729	111	76	78	89	279	528	297	157	78	36	320
1970 to 1974	3 439	339	103	95	415	1 163	735	299	172	58	60	286
1960 to 1969	2 176	262	82	119	348	490	451	133	148	75	68	279
1950 to 1959	1 592	96	172	198	305	322	249	107	53	23	67	249
1940 to 1949	1 925	99	124	290	471	404	322	121	36	9	49	245
1939 or earlier	12 373	719	912	2 404	3 590	2 271	1 285	459	267	96	370	229
STORIES IN STRUCTURE												
1 to 3	21 503	1 062	1 241	3 013	4 971	4 725	3 387	1 366	770	326	642	252
4 or more	1 731	564	228	171	247	204	183	50	63	13	176	176
With elevator	908	481	161	30	35	44	80	31	33	13	—	96
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	3 707	323	355	734	951	1 657	427	193	50	17	—	226
15 to 19 percent	3 846	260	190	444	968	1 072	540	194	137	41	—	253
20 to 24 percent	3 803	536	241	443	722	833	637	265	85	41	—	248
25 to 29 percent	2 754	249	201	348	607	575	421	199	68	86	—	248
30 to 34 percent	1 901	84	74	273	401	450	347	137	94	41	—	263
35 to 49 percent	2 981	103	220	356	647	603	552	201	226	73	—	265
50 percent or more	3 376	52	160	515	886	711	629	215	168	40	—	255
Not computed	866	19	28	71	36	28	17	12	5	—	650	193
Median	24.8	22.1	23.6	24.3	24.7	24.3	27.0	26.3	33.9	29.1	—	—
SELECTED CHARACTERISTICS												
Heating equipment	23 180	1 626	1 463	3 160	5 199	4 924	3 570	1 416	833	339	650	248
Control heating system	17 540	1 424	1 105	1 825	3 291	3 934	3 066	1 276	718	324	577	262
Air conditioning	6 881	212	183	576	921	1 879	1 699	744	318	108	241	290
Central system	377	35	—	19	33	49	95	49	54	31	12	324

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

The SMSA

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		33 621	1 713	3 236	1 900	1 871	5 296	5 810	8 414	3 621	1 760	22 056	24 174	
Owner-occupied housing units	33 621	1 713	3 236	1 900	1 871	5 296	5 810	8 414	3 621	1 760	22 056	24 174	1 281	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	26 266	449	1 590	1 156	1 248	4 208	5 076	7 606	3 347	1 586	24 309	26 636	529	
15 to 24 years	597	7	22	54	45	189	123	132	12	13	19 639	21 059	7	
25 to 34 years	6 131	74	117	181	267	1 295	1 752	1 874	426	145	22 953	24 386	127	
35 to 44 years	6 248	66	114	80	177	754	1 354	2 257	989	457	27 129	29 956	129	
45 to 64 years	10 128	149	399	383	412	1 461	1 553	3 060	1 818	893	27 174	29 629	174	
65 years and over	3 162	153	938	458	347	509	294	283	102	78	12 731	15 908	92	
Male householder, no wife present	2 413	257	370	234	208	380	346	421	89	108	16 645	18 822	116	
15 to 24 years	107	—	27	12	22	4	12	27	3	—	14 148	17 765		
25 to 34 years	504	16	27	29	32	125	117	96	30	32	20 719	22 731	16	
35 to 44 years	446	12	42	41	14	96	72	127	20	22	21 000	22 313	12	
45 to 64 years	771	68	102	87	77	101	120	131	36	49	17 220	20 485	49	
65 years and over	585	161	172	65	63	54	25	40	—	5	8 224	10 794	39	
Female householder, no husband present	4 942	1 007	1 276	510	415	708	388	387	185	66	10 922	13 699	636	
15 to 24 years	34	—	9	—	—	18	—	—	7	—	17 727	19 552	—	
25 to 34 years	602	81	149	91	29	107	52	43	38	12	11 951	15 086	96	
35 to 44 years	586	37	99	90	93	107	62	71	—	—	14 301	16 145	69	
45 to 64 years	1 821	194	474	197	162	338	180	175	52	49	13 202	15 915	172	
65 years and over	1 899	695	545	132	131	138	94	98	61	5	6 802	10 274	299	
Median age	47.8	68.7	65.3	60.0	56.8	44.3	39.7	43.1	47.5	48.8	...	...	56.1	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	3 819	104	200	197	157	596	844	1 171	373	177	23 317	25 367	128	
1975 to 1978	9 516	218	430	360	540	1 642	1 907	2 801	1 081	537	24 037	26 151	266	
1970 to 1974	4 990	206	312	279	274	924	904	1 182	552	357	22 531	25 744	233	
1960 to 1969	6 908	325	719	424	262	829	1 195	1 876	906	372	23 441	25 013	246	
1959 or earlier	8 388	860	1 575	640	638	1 305	960	1 384	709	317	16 787	19 761	408	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	33 311	1 666	3 185	1 861	1 859	5 257	5 761	8 360	3 602	1 760	22 103	24 244	1 234	
1.01 or more persons per room	639	—	20	25	15	119	101	205	97	57	26 763	28 737	20	
Locking complete plumbing for exclusive use	310	47	51	39	12	39	49	54	19	—	15 652	16 607	47	
1.01 or more persons per room	8	—	—	—	—	—	8	—	—	—	28 750	29 610	—	
Heating equipment	33 613	1 713	3 236	1 900	1 863	5 296	5 810	8 414	3 621	1 760	22 059	24 176	1 281	
Central heating system	29 543	1 521	2 912	1 682	1 657	4 522	4 967	7 393	3 299	1 590	22 128	24 280	1 089	
Air conditioning	12 550	385	951	595	575	1 886	2 340	3 542	1 415	861	23 919	26 219	361	
Central system	735	6	107	29	47	90	140	110	61	145	23 161	30 309	11	
Vehicles available	32 407	1 173	2 839	1 802	1 821	5 222	5 794	8 396	3 600	1 760	22 474	24 790	1 004	
1	11 555	857	2 159	1 093	1 057	2 200	1 840	1 725	408	216	16 343	17 880	613	
2 or more	20 852	316	680	709	764	3 022	3 954	6 671	3 192	1 544	26 278	28 619	391	
House heating fuel	33 613	1 713	3 236	1 900	1 863	5 296	5 810	8 414	3 621	1 760	22 059	24 176	1 281	
Utility gas	2 307	182	310	100	185	395	401	451	187	96	19 783	21 933	113	
Bottled, tank, or LP gas	451	30	58	92	22	84	52	63	28	22	15 933	19 540	37	
Electricity	4 557	116	206	186	238	594	929	1 507	2 493	288	25 052	26 756	116	
Fuel oil, kerosene, etc.	23 209	1 293	2 523	1 368	1 271	3 588	3 783	5 543	2 621	219	21 749	23 899	915	
Other	3 089	92	139	154	147	635	645	850	292	135	22 484	24 805	100	
Median rooms	5.9	5.4	5.1	5.3	5.4	5.7	5.8	6.1	6.7	7.5	...	...	5.7	
Specified owner-occupied housing units	25 467	1 184	2 201	1 301	1 248	3 888	4 546	6 686	2 981	1 432	22 865	25 007	886	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	18 195	429	753	635	708	2 814	3 746	5 605	2 391	1 114	25 019	27 133	522	
Less than \$200	289	8	81	37	23	19	47	54	20	—	14 511	17 571	8	
\$200 to \$249	724	17	84	88	74	134	138	121	68	—	18 465	19 528	23	
\$250 to \$299	1 712	86	131	83	109	305	387	354	203	54	21 314	22 959	76	
\$300 to \$349	2 036	52	86	92	85	417	370	648	223	63	23 412	24 536	61	
\$350 to \$399	2 299	62	89	71	147	464	569	619	226	52	22 505	24 048	86	
\$400 to \$499	4 582	102	146	161	142	837	1 133	1 426	483	152	23 608	25 338	133	
\$500 to \$599	3 485	57	77	67	77	440	762	1 318	475	212	26 625	28 748	129	
\$600 to \$749	2 043	33	23	19	31	134	264	821	466	252	29 934	33 944	33	
\$750 or more	1 025	12	36	17	20	64	76	244	227	329	32 883	43 205	36	
Median	442	\$392	\$347	\$362	\$371	\$407	\$431	\$468	\$495	\$614	...	...	\$404	
Not mortgaged	7 272	755	1 448	666	540	1 074	800	1 081	590	318	15 963	19 689	364	
Less than \$50	—	—	6	5	—	—	—	—	—	—	—	—	—	
\$50 to \$74	40	29	—	5	—	—	—	—	—	—	2 955	4 298	22	
\$75 to \$99	120	21	37	22	8	18	9	5	—	—	10 227	11 010	—	
\$100 to \$124	341	62	155	26	40	14	23	6	—	15	7 764	12 290	34	
\$125 to \$149	595	132	158	73	41	105	13	46	27	—	10 257	12 557	56	
\$150 to \$199	2 142	183	573	246	161	242	298	288	136	15	13 571	16 641	117	
\$200 to \$249	2 258	190	332	186	216	407	291	399	165	72	17 537	20 096	62	
\$250 or more	1 776	138	187	108	74	288	166	337	262	216	22 372	27 592	73	
Median	\$209	\$186	\$182	\$192	\$205	\$219	\$210	\$224	\$240	\$250+	...	...	\$180	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	18 195	429	753	635	708	2 814	3 746	5 605	2 391	1 114	25 019	27 133	522	
Less than 15 percent	3 608	—	—	11	11	46	336	1 227	1 183	794	36 521	41 916	—	
15 to 19 percent	3 856	—	—	5	32	353	803	1 675	766	222	29 281	30 830	—	
20 to 24 percent	3 642	—	7	48	105	503	1 003	1 589	305	82	25 716	26 330	—	
25 to 29 percent	2 822	—	69	96	123	740	939	747	99	9	21 701	22 348	8	
30 to 34 percent	1 559	—	51	72	156	539	443	275	16	7	19 644	20 176	—	
35 percent or more	2 663	384	626	403	281	633	222	92	22	—	11 994	12 452	469	
Not computed	45	45	—	—	—	—	—	—	—	—	2500	—	57	45
Median	22.2	50+	50+	40.1	32.7	28.4	23.7	19.7	15.1	12.4	...	...	50+	
Not mortgaged	7 272	755	1 448	666	540	1 074	800	1 081	590	318	15 963	19 689	364	
Less than 10 percent	1 680	—	12	10	19	73	166	614	481	305	34 040	39 193	—	
10 to 14 percent	1 650	7	7	52	128	408	511	415	109	13	21 804	22 959	—	
15 to 19 percent	1 107	—	142	184	246	398	85	52	—	—	14 812	15 224	—	
20 to 24 percent	908	14	324	235	124	173	38	—	—	—	11 234			

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
		23 478	4 372	5 547	2 630	2 292	3 983	2 279	1 685	524	166	11 730	13 420
Renter-occupied housing units	23 478	4 372	5 547	2 630	2 292	3 983	2 279	1 685	524	166	11 730	13 420	4 024
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	8 796	377	1 352	870	1 107	2 117	1 501	1 021	351	100	16 344	17 746	589
15 to 24 years	1 380	90	213	143	231	469	142	82	4	6	15 112	15 204	133
25 to 34 years	3 074	107	260	380	380	882	681	277	72	35	16 941	17 835	177
35 to 44 years	1 187	18	143	86	116	244	226	118	10	19 662	20 401	99	
45 to 64 years	9 10	36	211	142	243	377	345	375	147	34	19 140	21 169	68
65 years and over	1 245	126	525	119	137	145	107	61	10	15	9 685	12 562	112
Male householder, no wife present	5 342	764	1 310	738	510	907	502	425	135	51	12 022	14 135	637
15 to 24 years	1 125	75	357	194	122	249	82	34	4	8	11 682	12 664	133
25 to 34 years	1 768	94	292	280	271	392	216	165	43	15	14 511	16 016	117
35 to 44 years	759	74	143	80	54	157	92	125	28	6	15 735	16 728	74
45 to 64 years	1 013	212	312	121	57	83	102	49	55	22	9 733	14 326	166
65 years and over	677	309	206	63	26	10	52	5	—	5 702	8 472	147	
Female householder, no husband present	9 340	3 231	2 885	1 022	675	959	276	239	38	15	7 381	8 937	2 798
15 to 24 years	1 326	370	491	153	86	138	60	12	7	9	8 081	9 366	455
25 to 34 years	2 097	411	593	329	270	312	76	98	8	—	10 338	11 051	594
35 to 44 years	959	130	350	147	108	133	37	42	6	6	9 992	11 288	237
45 to 64 years	1 896	449	658	206	160	287	77	56	3	—	8 851	10 136	405
65 years and over	3 062	1 871	793	187	51	89	26	31	14	—	4 461	5 826	1 107
Median age	37.9	66.2	43.7	32.7	31.7	31.8	33.6	38.8	43.5	42.3	...	...	44.7
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	9 090	1 373	2 212	1 167	898	1 684	904	612	170	70	12 057	13 686	1 573
1975 to 1978	7 775	1 274	1 765	778	871	1 409	847	601	184	46	12 702	13 861	1 177
1970 to 1974	3 125	802	638	374	299	446	227	244	71	24	10 819	12 622	626
1960 to 1969	1 714	370	421	184	133	230	198	104	62	12	10 897	13 194	304
1959 or earlier	1 774	553	511	127	91	214	103	124	37	14	7 873	11 753	344
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	22 609	4 064	5 333	2 565	2 200	3 900	2 237	1 634	518	158	11 859	13 538	3 782
0.50 or less	13 929	3 052	3 613	1 676	1 280	2 101	1 052	803	251	101	10 447	12 366	2 221
0.51 to 1.00	8 133	982	1 603	823	879	1 687	1 114	754	241	50	14 373	15 312	1 393
1.01 to 1.50	446	16	99	52	35	95	58	58	26	7	16 117	17 427	143
1.51 or more	101	14	18	14	6	17	13	19	—	—	14 375	15 072	25
Lacking complete plumbing for exclusive use	869	308	214	65	92	83	42	51	6	8	8 291	10 362	242
0.50 or less	409	175	79	26	44	30	26	21	—	8	6 844	10 202	129
0.51 to 1.00	409	125	113	39	42	44	10	30	6	—	8 750	10 417	96
1.01 to 1.50	27	—	15	—	6	—	6	—	—	—	9 750	12 689	9
1.51 or more	24	8	—	7	—	—	9	—	—	—	8 929	9 524	8
SELECTED CHARACTERISTICS													
Housing equipment	23 424	4 338	5 541	2 624	2 292	3 975	2 279	1 685	524	166	11 746	13 436	3 995
Central heating system	17 708	3 193	4 127	1 974	1 693	2 918	1 852	1 362	453	136	11 943	13 723	2 811
Air conditioning	6 971	678	1 316	786	749	1 389	936	728	301	93	14 871	16 487	625
Central system	366	58	68	38	45	68	55	27	16	11	14 111	16 177	39
Vehicles available	1	—	—	—	—	—	—	—	—	—	—	—	—
2 or more	17 875	1 611	3 699	2 268	2 027	3 745	2 206	1 634	519	166	14 177	15 594	1 810
House heating fuel	12 257	1 426	3 173	1 887	1 449	2 422	1 131	594	131	44	12 026	13 112	1 447
Utility gas	5 618	185	526	381	578	1 323	1 075	1 040	388	122	19 197	21 008	363
Battled, tank, or LP gas	8 214	1 607	2 064	936	816	1 441	646	515	139	50	11 165	12 713	1 614
Electricity	527	98	123	59	64	81	55	38	4	5	11 801	12 820	124
Fuel oil, kerosene, etc.	3 295	641	602	417	265	552	395	293	112	18	12 425	14 218	551
Other	11 108	1 953	2 716	1 173	1 126	1 811	1 158	809	269	93	11 886	13 741	1 667
Median rooms	280	39	36	39	21	90	25	30	—	—	15 272	14 512	39
Median rooms	4.1	3.4	3.8	4.1	4.1	4.3	4.4	4.6	5.1	5.3	...	...	3.8
Specified renter-occupied housing units	23 234	4 360	5 501	2 599	2 267	3 944	2 256	1 643	508	156	11 689	13 358	4 010
CONTRACT RENT													
Less than \$100	2 533	1 524	466	130	95	162	57	80	19	—	4 496	7 007	1 067
\$100 to \$149	3 835	860	1 203	457	315	519	317	139	19	6	9 339	11 000	799
\$150 to \$199	5 106	749	1 503	574	509	903	471	309	66	22	11 311	12 858	725
\$200 to \$249	4 853	621	1 201	687	542	894	494	304	88	22	12 200	13 611	679
\$250 to \$299	4 035	340	736	498	500	939	513	378	86	45	14 717	15 907	397
\$300 to \$349	1 568	92	197	117	209	334	247	231	116	25	17 284	18 954	136
\$350 to \$399	362	—	37	43	40	58	58	68	51	7	20 192	21 912	28
\$400 to \$499	235	13	12	26	15	37	36	55	33	8	21 295	23 063	25
\$500 or more	57	—	7	—	—	9	18	12	11	—	24 236	24 649	12
No cash rent	650	161	139	67	42	89	45	67	19	21	10 933	15 464	142
Median	\$198	\$136	\$182	\$207	\$215	\$218	\$223	\$241	\$284	\$274	...	...	\$153
GROSS RENT													
Less than \$100	1 626	1 245	262	35	28	36	—	20	—	—	3 973	4 755	830
\$100 to \$149	1 469	476	581	143	114	66	53	31	5	—	6 510	8 087	430
\$150 to \$199	3 184	739	1 088	369	264	361	215	109	26	13	9 055	10 704	603
\$200 to \$249	5 218	794	1 479	729	489	949	399	324	41	14	11 152	12 469	709
\$250 to \$299	4 929	458	1 023	561	661	1 124	650	338	92	22	14 098	14 706	585
\$300 to \$349	3 570	333	668	425	382	823	464	338	100	37	14 849	16 105	422
\$350 to \$399	1 416	91	161	146	153	292	266	173	117	17	17 256	19 106	153
\$400 to \$499	833	63	83	101	134	137	79	162	50	24	15 837	19 376	119
\$500 or more	339	—	17	23	—	67	85	81	58	8	23 480	24 699	17
No cash rent	650	161	139	67	42	89	45	67	19	21	10 933	15 464	142
Median	\$248	\$175	\$223	\$249	\$270	\$276	\$285	\$296	\$340	\$325	...	...	\$206
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	3 707	60	144	121	178	623	866	1 164	416	135	24 147	25 714	64
15 to 19 percent	3 846	174	225	249	419	1 480	952	282	65	—	17 793	17 635	150
20 to 24 percent	3 803	504	531	602	634	1 177	265	82	8	—	13 543	13 071	353
25 to 29 percent	2 754	292	814	559	585	375	87	42	—	—	11 212	11 233	258
30 to 34 percent	1 901	115	872	513	256	112	27	6	—	—	9 843	10 004	161
35 to 49 percent	2 981	470	1 818	438	153	88	14	—	—	—	7 740	7 997	565
50 percent or more	3 376	2 368	958	50	—	—	—	—	—	—	3 978	4 052	2 101
Not computed	866	377	139	67	42	89	45	67	19	21	6 772	11 578	358
Median	24.8	50+	35.7	27.6	24.1	19.4	16.3	12.8	11.0	10—	...	...	50+

Table A-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	18 195	289	724	1 712	2 036	2 299	4 582	3 485	2 043	1 025	442
PERSONS IN UNIT											
1 person -----	951	66	71	114	173	105	201	119	49	53	375
2 persons -----	4 035	121	239	433	540	457	1 020	725	318	182	424
3 persons -----	3 750	35	188	408	363	481	951	732	434	158	436
4 persons -----	5 263	41	112	403	552	725	1 367	1 049	705	309	455
5 persons -----	2 518	20	91	173	223	383	612	516	319	181	448
6 persons -----	1 134	6	17	104	118	87	350	193	165	94	466
7 persons -----	388	-	6	61	45	55	67	100	27	27	456
8 or more persons -----	156	-	-	16	22	6	14	51	26	21	535
Median -----	3.57	2.15	2.78	3.26	3.34	3.65	3.59	3.66	3.81	3.89	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	15 780	189	558	1 426	1 675	1 941	4 020	3 205	1 871	895	450
15 to 24 years -----	361	-	15	10	29	20	145	74	57	11	474
25 to 34 years -----	4 857	25	24	121	302	663	1 549	1 311	566	296	48
35 to 44 years -----	4 928	17	128	417	473	643	1 152	983	713	402	46
45 to 64 years -----	5 202	115	308	799	823	570	1 099	807	511	170	395
65 years and over -----	432	32	83	79	48	45	75	30	24	16	32
Male householder, no wife present -----	902	32	54	80	101	98	248	105	121	63	43
15 to 24 years -----	41	8	-	12	6	8	7	-	-	-	30
25 to 34 years -----	286	-	9	18	32	32	70	43	59	23	47
35 to 44 years -----	242	8	11	12	16	31	69	37	35	23	46
45 to 64 years -----	275	9	27	32	40	27	77	19	27	17	40
65 years and over -----	58	7	7	6	7	-	25	6	-	-	40
Female householder, no husband present -----	1 513	68	112	206	260	260	314	175	51	67	37
15 to 24 years -----	34	-	-	-	7	-	9	11	-	7	50
25 to 34 years -----	381	-	12	30	56	74	104	55	40	10	41
35 to 44 years -----	363	7	9	47	44	73	98	59	-	26	40
45 to 64 years -----	568	47	81	83	136	76	74	36	11	24	32
65 years and over -----	167	14	10	46	17	37	29	14	-	-	34
Median age -----	39.9	55.9	54.7	46.7	45.9	39.0	37.6	36.7	38.5	37.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	2 669	8	50	54	56	115	492	870	646	378	56
1975 to 1978 -----	6 595	32	70	187	378	806	2 125	1 640	892	465	48
1970 to 1974 -----	3 271	53	55	296	436	592	954	491	298	96	41
1960 to 1969 -----	4 043	106	322	817	908	599	753	343	158	37	34
1959 or earlier -----	1 617	90	227	358	258	187	258	141	49	49	32
ROOMS											
1 to 3 rooms -----	156	6	20	36	22	12	27	22	11	-	33
4 rooms -----	1 414	68	143	207	257	130	379	159	54	17	36
5 rooms -----	3 915	131	172	440	515	631	1 076	656	225	69	40
6 rooms -----	5 420	52	229	604	720	757	1 453	1 033	466	106	42
7 rooms -----	3 749	32	107	294	374	503	977	822	465	175	45
8 or more rooms -----	3 541	-	53	131	148	266	670	793	822	658	56
Median -----	6.2	5.0	5.6	5.8	5.8	6.0	6.1	6.4	7.1	8.0	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	3 834	19	18	43	98	205	899	1 242	813	497	55
1970 to 1974 -----	2 603	6	21	95	205	273	812	554	442	195	46
1960 to 1969 -----	4 045	42	151	526	629	666	940	649	308	134	40
1950 to 1959 -----	2 778	71	205	402	397	387	740	356	147	73	39
1940 to 1949 -----	1 492	59	95	180	260	278	326	203	70	21	37
1939 or earlier -----	3 443	92	234	466	447	490	865	481	263	105	39
VALUE											
Less than \$10,000 -----	33	-	15	7	4	7	-	-	-	-	2
\$10,000 to \$19,999 -----	218	31	42	68	27	22	14	14	-	-	2
\$20,000 to \$29,999 -----	651	78	130	153	79	79	87	45	-	-	2
\$30,000 to \$39,999 -----	2 297	61	201	402	552	430	467	174	10	-	3
\$40,000 to \$49,999 -----	4 812	83	205	593	674	850	1 462	737	189	19	41
\$50,000 to \$59,999 -----	4 233	30	79	320	469	444	1 364	1 002	470	55	41
\$60,000 to \$79,999 -----	3 926	6	37	142	168	412	987	1 129	795	250	5
\$80,000 to \$99,999 -----	1 195	-	15	17	48	47	169	271	341	287	6
\$100,000 to \$149,999 -----	692	-	-	10	5	-	32	96	224	325	7
\$150,000 or more -----	138	-	-	10	8	-	17	14	89	750	...
Median -----	\$52 300	\$36 600	\$38 400	\$44 000	\$46 100	\$47 000	\$51 600	\$57 800	\$66 400	\$93 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	3 608	162	354	762	766	470	520	313	166	95	3
15 to 19 percent -----	3 856	17	127	447	562	635	1 078	500	345	145	4
20 to 24 percent -----	3 642	28	81	145	289	485	1 101	965	377	171	4
25 to 29 percent -----	2 822	45	77	101	169	288	850	664	493	135	4
30 to 34 percent -----	1 559	7	43	49	44	174	375	451	276	140	5
35 percent or more -----	2 663	30	42	194	200	247	646	579	386	339	4
Not computed -----	45	-	-	14	6	-	12	13	-	-	4
Median -----	22.2	13.5	15.3	16.0	17.2	20.5	23.1	24.8	26.4	28.8	...
SELECTED CHARACTERISTICS											
Heating equipment -----	18 195	289	724	1 712	2 036	2 299	4 582	3 485	2 043	1 025	4
Steam or hot water system -----	8 672	97	359	852	975	1 199	2 188	1 481	1 024	497	4
Central warm-air furnace or electric heat pump -----	3 940	117	191	485	604	562	884	623	305	169	4
Other built-in electric units -----	2 872	19	25	98	189	196	841	771	464	269	4
Floor, wall, or pipeless furnace -----	119	12	19	17	21	6	11	33	-	-	4
Other means -----	2 592	44	130	260	247	336	658	577	250	90	4
Air conditioning -----	6 870	79	278	542	761	996	1 781	1 308	677	448	4
Central system -----	343	9	6	26	34	20	89	72	27	60	4
1 or more individual room units -----	6 527	70	272	516	727	976	1 692	1 236	650	388	4
House heating fuel -----	18 195	289	724	1 712	2 036	2 299	4 582	3 485	2 043	1 025	4
Utility gas -----	858	38	55	84	134	109	179	170	77	12	4
Bottled, tank, or LP gas -----	173	6	25	33	13	18	41	30	7	-	4
Electricity -----	3 148	19	31	138	196	242	922	830	501	269	4
Fuel oil, kerosene, etc. -----	11 667	188	502	1 239	1 481	1 624	2 835	1 917	1 213	668	4
Other -----	2 349	38	111	218	212	306	605	538	245	76	4

Table A-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

Specified owner-occupied housing units

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
PERSONS IN UNIT	7 272	—	40	120	341	595	2 142	2 258	1 776	209
1 person	1 526	—	29	51	135	200	540	313	258	182
2 persons	3 570	—	11	47	173	267	1 018	1 219	835	211
3 persons	1 227	—	—	17	20	76	336	412	366	220
4 persons	587	—	—	5	7	32	183	179	181	219
5 persons	246	—	—	—	6	11	46	87	96	234
6 persons	92	—	—	—	—	9	14	29	40	240
7 persons	19	—	—	—	—	—	5	14	—	216
8 or more persons	5	—	—	—	—	—	—	5	—	225
Median	2.09	—	1.19	1.69	1.71	1.87	2.02	2.17	2.25	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	4 808	—	11	62	173	334	1 341	1 646	1 241	215
15 to 24 years	11	—	—	—	—	—	5	—	6	250+
25 to 34 years	102	—	—	6	—	2	41	20	33	205
35 to 44 years	252	—	—	—	7	15	65	91	74	221
45 to 64 years	2 577	—	6	11	53	135	675	943	754	222
65 years and over	1 866	—	5	45	113	182	555	592	374	203
Male householder, no wife present	639	—	13	22	77	81	135	171	140	197
15 to 24 years	20	—	—	8	—	—	—	12	—	208
25 to 34 years	—	—	—	—	—	—	—	—	—	—
35 to 44 years	27	—	—	7	6	—	5	—	9	155
45 to 64 years	231	—	—	—	26	27	44	78	56	212
65 years and over	361	—	13	7	45	54	86	81	75	186
Female householder, no husband present	1 825	—	16	36	91	180	666	441	395	194
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	32	—	—	—	—	4	23	5	—	176
35 to 44 years	39	—	—	—	—	—	10	7	22	250+
45 to 64 years	659	—	—	6	14	60	255	177	147	199
65 years and over	1 095	—	16	30	77	116	378	252	226	191
Median age	63.9	—	80.6	72.4	69.1	67.7	64.3	62.9	62.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
979 to March 1980	190	—	—	8	—	4	48	55	75	232
975 to 1978	481	—	—	—	20	17	121	188	135	222
970 to 1974	578	—	—	12	20	42	173	179	152	212
960 to 1969	1 505	—	5	32	50	83	376	476	483	222
959 or earlier	4 518	—	35	68	251	449	1 424	1 360	931	201
ROOMS										
to 3 rooms	198	—	11	24	58	50	17	21	17	128
rooms	1 003	—	5	35	90	117	390	277	89	183
rooms	1 972	—	6	25	94	198	626	684	339	203
rooms	2 126	—	11	31	53	132	730	732	437	207
or more rooms	1 174	—	7	5	26	73	295	330	438	227
Median	799	—	—	—	20	25	84	214	456	250+
5.7	—	5.2	4.5	4.7	5.2	5.6	5.7	6.5	...	...
EAR STRUCTURE BUILT										
775 to March 1980	200	—	—	—	5	—	67	53	75	226
770 to 1974	267	—	—	—	8	38	61	95	65	214
760 to 1969	906	—	5	16	27	44	187	275	352	232
750 to 1959	1 942	—	—	15	72	116	523	743	473	216
740 to 1949	974	—	—	7	29	78	348	315	197	204
739 or earlier	2 983	—	35	82	200	319	956	777	614	195
VALUE										
less than \$10,000	88	—	7	31	7	16	17	—	10	121
10,000 to \$19,999	395	—	4	25	62	38	138	98	30	175
20,000 to \$29,999	983	—	17	36	67	139	395	240	89	179
30,000 to \$39,999	1 434	—	7	13	107	171	574	415	147	186
40,000 to \$49,999	1 852	—	—	5	33	170	610	685	349	208
50,000 to \$59,999	1 304	—	5	5	32	25	277	491	449	229
60,000 to \$79,999	911	—	—	—	6	36	111	313	445	248
70,000 to \$99,999	192	—	—	—	7	—	20	11	154	250+
80,000 to \$149,999	74	—	—	5	—	—	—	5	64	250+
50,000 or more	39	—	—	—	—	—	—	—	—	—
Median	\$43 900	—	\$23 800	\$20 900	\$33 300	\$36 900	\$38 900	\$44 900	\$54 300	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
less than 10 percent	1 680	—	11	51	69	127	560	484	378	202
10 to 14 percent	1 650	—	7	17	62	114	460	556	434	215
15 to 19 percent	1 107	—	—	18	66	103	259	437	224	212
20 to 24 percent	908	—	4	23	56	53	321	189	262	200
25 to 29 percent	408	—	—	5	30	42	121	151	59	202
30 to 34 percent	343	—	—	6	5	31	138	67	96	197
percent or more	1 126	—	13	—	53	120	257	367	316	216
1 computed	50	—	5	—	—	5	26	7	7	179
Median	16.3	—	14.6	12.6	18.0	17.6	15.7	16.0	16.6	...
SELECTED CHARACTERISTICS										
air conditioning equipment	7 264	—	40	112	341	595	2 142	2 258	1 776	209
Steam or hot water system	4 065	—	12	27	126	249	1 120	1 434	1 097	217
Central warm-air furnace or electric heat pump	2 258	—	5	58	160	189	772	583	491	196
Other built-in electric units	393	—	—	—	6	43	102	121	121	219
Floor, wall, or pipeless furnace	74	—	—	6	—	21	21	11	15	174
Other means	474	—	23	21	49	93	127	109	52	170
air conditioning	2 404	—	—	6	94	98	677	798	731	220
Central system	112	—	—	—	18	—	18	31	45	232
1 or more individual room units	2 292	—	—	6	76	98	659	767	686	220
use heating fuel	7 264	—	40	112	341	595	2 142	2 258	1 776	209
Utility gas	501	—	5	—	13	51	182	162	88	200
Bottled, tank, or LP gas	108	—	4	7	7	23	25	32	10	176
Electricity	454	—	—	—	—	—	—	—	—	—
Kerosene, fuel oil, etc.	5 914	—	12	84	293	398	1 756	1 862	1 509	211
Other	287	—	19	21	22	74	64	62	25	156

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

Occupied housing units	Owner-occupied housing units					Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	
		33 621	4 987	4 071	6 005	8 285		23 478	1 747	3 466	2 210	3 573
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	26 266	4 322	3 342	4 851	6 534	7 217	8 796	692	1 357	727	1 500	4 520
15 to 24 years	597	149	129	52	140	127	1 380	144	210	78	371	577
25 to 34 years	6 131	2 100	1 037	780	978	1 236	3 074	236	496	274	612	1 456
35 to 44 years	6 248	1 227	1 233	1 437	1 034	1 317	1 187	89	184	116	168	630
45 to 64 years	10 128	745	819	2 147	3 277	3 140	1 910	158	236	158	210	1 148
65 years and over	3 162	101	124	435	1 105	1 397	1 245	65	231	101	139	709
Male householder, wife present	2 413	348	304	351	491	919	5 342	534	820	564	730	2 694
15 to 24 years	107	7	16	4	41	39	1 125	82	187	109	209	538
25 to 34 years	504	143	129	46	65	121	1 768	222	333	229	251	733
35 to 44 years	446	110	63	96	69	108	759	78	137	80	104	360
45 to 64 years	771	57	59	131	237	287	1 013	112	71	84	119	627
65 years and over	585	31	37	74	79	364	677	40	92	62	47	436
Female householder, no husband present	4 942	317	425	803	1 260	2 137	9 240	521	1 289	919	1 343	5 268
15 to 24 years	34	—	—	7	9	18	1 326	96	233	123	287	587
25 to 34 years	602	138	140	125	87	112	2 097	116	405	138	403	1 035
35 to 44 years	586	76	98	161	103	148	959	77	87	75	184	536
45 to 64 years	1 821	84	146	323	618	650	1 896	72	189	148	226	1 261
65 years and over	1 899	19	41	187	443	1 209	3 062	160	375	435	243	1 849
Median age	47.8	34.9	38.6	47.0	54.5	55.7	37.9	34.5	33.8	40.2	31.2	43.6
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 819	1 701	606	377	503	632	9 090	1 202	1 530	858	1 475	4 025
1975 to 1978	9 516	3 286	1 490	1 355	1 413	1 972	7 775	545	1 245	721	1 226	4 038
1970 to 1974	4 990	—	1 975	1 005	927	1 083	3 125	—	691	421	405	1 608
1960 to 1969	6 908	—	—	3 268	1 776	1 864	1 714	—	—	210	251	1 253
1959 or earlier	8 388	—	—	—	3 666	4 722	1 774	—	—	—	216	1 558
ROOMS												
1 room	33	7	—	6	7	13	817	38	183	37	119	440
2 rooms	38	—	—	11	6	21	1 524	42	249	151	201	881
3 rooms	612	46	64	97	152	253	5 051	590	867	572	583	2 439
4 rooms	4 345	670	598	729	1 303	1 045	7 603	709	1 590	811	1 232	3 261
5 rooms	8 369	1 181	1 026	1 538	2 473	2 151	5 431	309	419	476	940	3 287
6 rooms	9 189	1 248	932	1 695	2 483	2 831	2 211	54	90	90	385	1 592
7 or more rooms	11 035	1 835	1 451	1 929	1 861	3 959	841	5	68	73	113	582
Median	5.9	6.0	5.9	5.9	5.6	6.1	4.1	3.8	3.8	3.9	4.2	4.3
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	33 311	4 983	4 063	5 975	8 237	10 053	22 609	1 724	3 377	2 139	3 413	11 956
0.50 or less	19 428	2 604	2 006	3 137	5 055	6 626	13 929	1 082	2 006	1 360	1 923	7 558
0.51 to 1.00	13 244	2 304	1 958	2 717	3 039	3 226	8 133	604	1 322	700	1 379	4 128
1.01 to 1.50	606	69	99	110	136	192	446	31	41	67	87	220
1.51 or more	33	6	—	11	7	9	101	7	8	12	24	50
Locking complete plumbing for exclusive use	310	4	8	30	48	220	869	23	89	71	160	526
0.50 or less	192	4	8	14	37	129	409	11	59	29	50	260
0.51 to 1.00	110	—	—	16	11	83	409	6	24	27	101	251
1.01 to 1.50	—	—	—	—	—	—	27	6	6	6	9	—
1.51 or more	8	—	—	—	—	8	24	—	—	9	—	15
PERSONS IN UNIT												
1 person	3 923	323	347	550	977	1 726	8 972	691	1 377	909	1 102	4 893
2 persons	10 380	1 251	943	1 688	3 112	3 386	7 269	616	1 203	666	1 085	3 699
3 persons	6 463	1 190	798	1 112	1 582	1 781	3 423	232	459	269	662	1 801
4 persons	7 208	1 379	1 059	1 512	1 454	1 804	2 183	151	310	202	388	1 132
5 persons	5 435	577	537	737	734	850	1 068	38	91	88	217	634
6 or more persons	2 212	267	387	406	426	726	563	19	26	76	119	323
Median	2.89	3.27	3.43	3.19	2.53	2.51	1.88	1.80	1.80	1.79	2.13	1.86
Total persons	104 950	16 577	14 170	19 823	23 920	30 460	51 006	3 336	6 912	4 762	8 559	27 437
UNITS IN STRUCTURE												
1, detached or attached	27 823	4 456	3 213	5 292	7 725	7 137	2 112	93	239	311	640	829
2	2 736	73	111	135	407	2 010	4 333	227	225	287	866	2 728
3 and 4	1 077	19	35	19	60	944	5 451	94	165	209	726	4 257
5 to 9	412	120	73	28	40	151	4 743	192	297	307	863	3 084
10 to 49	133	41	58	24	5	5	5 787	1 045	2 124	917	401	1 300
50 or more	16	—	—	—	4	12	795	45	347	90	44	269
Mobile home or trailer, etc.	1 424	278	581	507	44	14	257	51	69	89	33	15
SELECTED CHARACTERISTICS												
Heating equipment	33 613	4 987	4 071	6 005	8 285	10 265	23 424	1 747	3 466	2 210	3 558	12 443
Steam or hot water system	16 311	1 447	948	3 285	4 786	5 845	11 128	792	1 469	1 015	1 749	6 103
Central warm-air furnace or electric heat pump	8 918	890	870	1 405	2 721	3 032	3 610	300	753	462	737	1 358
Other built-in electric units	4 044	1 773	1 420	607	135	109	2 662	578	1 105	521	167	291
Floor, wall, or pipeless furnace	270	9	25	34	66	136	308	21	68	43	39	137
Other means	4 070	868	808	674	577	1 143	5 716	56	71	169	866	4 554
Air conditioning	12 550	1 673	1 634	2 714	3 273	3 256	6 971	1 137	2 147	876	635	2 176
Central system	735	112	113	217	199	94	386	88	186	51	26	35
1 or more individual room units	11 815	1 561	1 521	2 497	3 074	3 162	6 585	1 049	1 961	825	609	2 141
House heating fuel	33 613	4 987	4 071	6 005	8 285	10 265	23 424	1 747	3 466	2 210	3 558	12 443
Utility gas	2 307	45	41	216	534	1 471	8 214	470	946	528	981	5 289
Bottled, tank, or LP gas	451	43	66	97	96	149	527	37	49	59	75	307
Electricity	4 557	1 962	1 591	669	174	161	3 295	695	1 385	626	208	381
Fuel oil, kerosene, etc.	23 209	2 098	1 653	4 499	7 059	7 900	11 108	533	1 046	987	2 200	6 342
Other	3 089	839	720	524	422	584	280	12	40	10	94	124
Income in 1979 below poverty level	1 281	128	142	211	259	541	4 024	222	420	363	655	2 364
Percent below poverty level	3.8	2.6	3.5	3.5	3.1	5.3	17.1	12.7	12.1	16.4	18.3	18.9
HOUSING INCOME IN 1979												
Less than \$5,000	1 713	92	136	253	378	854	4 372	228	532	452	591	2 569
\$5,000 to \$9,999	3 236	214	195	471	1 007	1 349	5 547	327	624	355	832	3 409
\$10,000 to \$12,499	1 900	129	183	371	487	730	2 630	183	377	281	498	1 291
\$12,500 to \$14,999	1 871	211	212	242	510	696	2 292	134	336	257	401	1 164
\$15,000 to \$19,999	5 296	555	716	841	1 458	1 726	3 983	303	699	390	570	2 021
\$20,000 to \$24,999	5 810	1 038	701	1 118	1 368	1 585	2 279	226	451	200	403	999
\$25,000 to \$34,999	8 414	1 754	1 261	1 494	1 878	2 027	1 685	224	327	183	188	763
\$35,000 to \$49,999	3 621	698	422	813	809	879	524	86	91	67	66	214
\$50,000 or more	1 760	296	245	402	390	427	166	36	29	25	24	52
Median	\$22 056	\$26 142	\$23 912	\$								

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

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HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	Owner-occupied housing units				Renter-occupied housing units								
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.	
		2	3	4		5	6	7	8	9	10	11	
Occupied housing units	33 621	27 823	4 374	1 424	23 478	2 112	4 333	5 451	4 743	5 787	795	257	
Condominium housing units	606	285	321	—	172	57	—	7	38	70	—	—	
Married-couple families	26 266	22 369	3 049	848	8 796	1 220	2 015	2 225	1 383	1 773	108	72	
15 to 24 years	597	398	114	85	1 380	109	255	329	330	338	6	13	
25 to 34 years	6 131	5 286	649	196	3 074	436	723	806	430	642	10	27	
35 to 44 years	6 248	5 593	520	135	1 187	213	301	261	224	173	8	7	
45 to 64 years	10 128	8 544	1 290	294	1 910	314	445	548	199	367	12	25	
65 years and over	3 162	2 548	476	138	1 245	148	291	281	200	253	72	—	
Male householder, no wife present	2 413	1 755	421	237	5 342	394	620	1 058	1 172	1 758	185	145	
15 to 24 years	107	61	34	12	1 125	62	83	303	243	377	27	30	
25 to 34 years	504	312	131	61	1 768	186	202	301	409	614	6	50	
35 to 44 years	446	331	55	60	759	34	155	92	193	243	19	23	
45 to 64 years	771	604	106	61	1 013	95	119	200	172	325	60	42	
65 years and over	585	447	95	43	677	17	61	162	155	209	73	—	
Male householder, no husband present	4 942	3 699	904	339	9 340	498	1 698	2 168	2 188	2 246	502	40	
15 to 24 years	34	34	—	—	1 326	35	157	326	368	429	11	—	
25 to 34 years	602	477	72	53	2 097	113	331	589	512	522	17	13	
35 to 44 years	586	440	90	56	959	112	193	216	205	227	6	—	
45 to 64 years	1 821	1 346	329	146	1 896	126	346	436	486	430	45	27	
65 years and over	1 899	1 402	413	84	3 062	112	671	601	617	638	423	—	
Median age	47.8	47.0	52.8	48.1	37.9	38.1	40.6	36.1	36.2	34.8	73.2	34.3	
EAR HOUSEHOLDER MOVED INTO UNIT	779 to March 1980	—	—	—	—	—	—	—	—	—	—	—	
775 to 1978	3 819	3 167	435	217	9 090	662	1 441	1 952	1 787	2 959	161	128	
770 to 1974	9 516	7 706	1 168	642	7 775	727	1 330	1 798	1 665	1 907	268	80	
760 to 1969	4 990	4 201	499	290	3 125	320	575	683	602	591	334	20	
759 or earlier	6 908	5 967	676	265	1 714	173	458	491	333	203	27	29	
ROOMS	8 388	6 782	1 596	10	1 774	230	529	527	356	127	5	—	
1 room	33	26	—	7	817	34	21	49	82	418	213	—	
2 rooms	38	13	19	6	1 524	48	36	260	411	483	275	11	
3 rooms	612	349	164	99	5 051	169	432	1 091	1 312	1 804	187	56	
4 rooms	4 345	2 736	865	744	7 603	462	1 628	1 344	1 588	2 384	77	120	
5 rooms	8 369	6 392	1 547	430	5 431	514	1 518	1 662	1 035	594	38	70	
6 or more rooms	9 189	8 100	984	105	2 211	446	542	854	291	73	5	—	
BEDROOMS	11 035	10 207	795	33	841	439	156	191	24	31	—	—	
5.9	6.0	5.2	4.3	4.1	5.2	4.5	4.5	3.9	3.6	2.2	4.0	—	
PLUMBING FACILITIES BY PERSONS PER ROOM	33 311	27 721	4 166	1 424	22 609	2 086	4 180	5 292	4 598	5 507	689	257	
Complete plumbing for exclusive use	0.50 or less	19 428	16 035	2 471	922	13 929	1 125	2 595	3 220	2 932	3 477	410	170
0.51 to 1.00	13 244	11 185	1 582	477	8 133	879	1 497	1 929	1 526	1 953	275	74	
1.01 to 1.50	606	472	109	25	446	62	82	130	100	62	4	6	
1.51 or more	33	29	4	—	101	20	6	13	40	15	—	7	
COMPLETENESS OF PLUMBING FOR EXCLUSIVE USE	0.50 or less	310	102	208	—	869	26	153	159	145	280	106	—
0.51 to 1.00	192	56	136	—	409	9	94	78	82	92	54	—	
1.01 to 1.50	110	46	64	—	409	11	53	81	57	155	52	—	
1.51 or more	—	—	—	—	27	6	6	—	6	9	—	—	
BEDROOMS	8	—	8	—	24	—	—	—	—	24	—	—	
ONE	33	26	—	7	940	34	21	63	125	455	242	—	
2	1 792	1 167	478	147	7 821	265	899	1 742	1 944	2 432	456	83	
3	9 365	6 520	1 974	871	9 713	820	2 276	2 026	1 785	2 613	76	117	
4	15 440	13 647	1 427	366	4 214	652	1 012	1 424	799	249	21	57	
5 or more	5 900	5 462	411	27	668	269	95	178	88	38	—	—	
HOUSEHOLD INCOME IN 1979	1 091	1 001	84	6	122	72	30	18	2	—	—	—	
\$5,000 or less	1 713	1 289	289	135	4 372	195	580	992	1 047	1 039	493	26	
\$6,000 to \$9,999	3 236	2 406	532	298	5 547	314	913	1 325	1 348	1 388	185	74	
\$10,000 to \$12,499	1 900	1 430	310	160	2 630	273	463	657	580	583	46	28	
\$12,500 to \$14,999	1 871	1 393	317	161	2 292	184	468	617	431	565	7	20	
\$15,000 to \$19,999	5 296	4 320	713	263	3 983	416	864	904	735	999	17	48	
\$20,000 to \$24,999	5 810	4 797	810	203	2 279	288	486	540	333	602	7	23	
\$25,000 to \$34,999	8 414	7 328	913	173	1 685	273	415	311	191	427	37	31	
\$35,000 to \$49,999	3 621	3 215	389	17	524	106	127	76	78	134	3	—	
50,000 or more	1 760	1 645	101	14	166	63	17	29	50	—	7	—	
Median income	\$22 056	\$22 865	\$20 130	\$14 348	\$11 730	\$16 009	\$13 624	\$11 554	\$9 914	\$12 000	\$4 429	\$12 562	
Median income	\$24 174	\$25 133	\$20 874	\$15 560	\$13 420	\$18 605	\$14 748	\$12 828	\$11 328	\$13 630	\$6 521	\$16 224	
SELECTED CHARACTERISTICS	33 613	27 815	4 374	1 424	23 424	2 112	4 327	5 425	4 734	5 774	795	257	
Living equipment	16 311	13 769	2 506	36	11 128	796	2 089	1 911	2 149	3 762	403	18	
Steam or hot water system	8 918	6 800	960	1 158	3 610	696	786	653	434	666	158	197	
Central warm-air furnace or electric heat pump	4 044	3 651	372	21	2 662	186	481	288	520	982	186	19	
Other built-in electric units	270	215	39	16	308	25	55	64	41	66	48	9	
Floor, wall, or pipeless furnace	4 070	3 380	497	193	5 716	409	916	2 509	1 590	278	—	14	
Other means	12 550	10 219	1 834	497	6 971	568	1 028	946	850	3 329	200	50	
Central system	735	540	84	111	386	29	40	—	44	189	84	—	
Hides available	32 407	26 957	4 066	1 384	17 875	1 919	3 577	4 102	3 345	4 476	211	245	
1	11 555	8 777	2 019	759	12 257	893	2 384	3 040	2 520	3 077	200	143	
2 or more	20 852	18 180	2 047	625	5 618	1 026	1 193	1 062	825	1 399	11	102	
Use heating fuel	33 613	27 815	4 374	1 424	23 424	2 112	4 327	5 425	4 734	5 774	795	257	
Utility gas	2 307	1 421	873	13	8 214	322	1 028	2 932	1 986	1 853	87	6	
Bottled, tank, or LP gas	451	336	56	59	527	90	129	135	56	89	—	28	
Electricity	4 557	4 083	453	21	3 295	224	603	338	585	1 219	302	24	
4 557	4 083	453	21	3 295	224	603	338	585	1 219	302	24	—	
23 209	19 098	2 848	1 263	11 108	1 286	2 534	2 006	2 098	2 592	400	192	—	
Other	3 089	2 877	144	68	280	190	190	9	21	6	7	—	
Other heating fuel	33 590	27 792	4 374	1 424	23 416	2 092	4 328	5 439	4 731	5 780	789	257	
Utility gas	4 070	2 423	1 628	19	9 673	376	1 547	3 338	2 226	2 104	76	6	
2 305	988	161	156	854	148	134	270	160	115	—	27	—	
13 043	10 856	1 012	1 175	5 264	827	1 031	626	827	1 396	357	200	—	
15 006	13 359	1 573	74	7 575	731	1 616	1 199	1 518	2 137	350	24	—	
Other	166	166	—	—	50	10	—	6	—	28	6	—	
Other household	29 176	24 658	3 526	992	12 454	1 534	2 789	3 147	2 301	2 429	146	108	
With own children under 18 years	15 588	13 548	1 624	416	6 962	926	1 470	1 850	1 387	1 231	24	74	
With own children under 6 years	6 072	5 279	612	181	3 826	425	766	1 059	780	737	9	52	
Non household, no husband present	2 209	1 729	377	103	2 994	237	607	793	763	534	38	22	
With own children under 18 years	888	712	117	59	2 205	166	365	584	638	422	14	16	
Family household	152	111	25	16	894	22	147	251	273	183	5	13	
Non family household	4 445	3 165	848	432	11 024	578	1 544	2 304	2 442	3 358	649	149	
With own children under 6 years	1 281	946	210	125	4 024	23							

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

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	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	33 621	3 923	10 380	6 463	7 208	3 435	1 492	527	193	2.89	104 950
Nonrelatives present	989	—	454	162	198	74	73	12	16	2.75	3 321
ROOMS											
1 to 3 rooms	683	311	297	41	15	19	—	—	—	1.60	1 230
4 rooms	4 345	1 090	1 995	744	364	119	33	—	—	2.04	9 905
5 rooms	8 369	1 084	3 187	1 808	1 492	600	146	52	—	2.47	23 608
6 rooms	9 189	795	2 716	1 841	2 233	995	425	155	29	3.09	29 639
7 rooms	5 707	370	1 229	1 121	1 743	757	309	139	39	3.58	19 864
8 or more rooms	5 328	273	956	908	1 361	945	579	181	125	3.89	20 704
Median	5.9	5.0	5.4	5.8	6.3	6.5	7.0	6.9	8.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	33 311	3 854	10 274	6 410	7 170	3 399	1 492	519	193	2.89	104 066
1.00 or less	32 672	3 854	10 261	6 405	7 155	3 269	1 313	312	103	2.85	100 020
1.01 to 1.50	606	—	—	5	11	119	179	207	85	6.44	3 906
1.51 or more	33	—	13	—	4	11	—	—	5	4.38	140
Lacking complete plumbing for exclusive use	310	69	106	53	38	36	—	8	—	2.31	884
1.00 or less	302	69	106	53	38	28	—	8	—	2.27	845
1.01 to 1.50	—	—	—	—	—	—	—	—	—	5.00	39
UNITS IN STRUCTURE											
1, detached or attached	27 823	2 805	8 364	5 427	6 289	2 980	1 312	479	167	3.01	87 151
2 or more	4 374	751	1 456	775	771	393	160	42	26	2.49	14 291
Mobile home or trailer, etc.	1 424	367	560	261	148	62	20	6	—	2.12	3 508
VALUE											
Specified owner-occupied housing units	25 467	2 477	7 605	4 977	5 850	2 764	1 226	407	161	3.03	79 622
Less than \$10,000	121	26	50	11	28	6	—	—	—	2.19	314
\$10,000 to \$19,999	613	122	272	77	87	32	23	—	—	2.18	1 530
\$20,000 to \$29,999	1 634	365	707	264	150	73	26	49	—	2.14	3 820
\$30,000 to \$39,999	3 731	547	1 173	709	667	373	163	81	18	2.71	10 721
\$40,000 to \$49,999	6 664	662	2 048	1 291	1 480	706	286	119	72	2.98	20 718
\$50,000 to \$59,999	5 537	463	1 530	1 271	1 358	576	250	63	26	3.11	17 592
\$60,000 to \$79,999	4 837	171	1 378	904	1 423	582	304	61	14	3.46	16 480
\$80,000 to \$99,999	1 387	91	292	231	377	254	94	27	21	3.71	4 802
\$100,000 to \$149,999	766	14	131	160	244	134	66	7	10	3.82	3 173
\$150,000 or more	177	16	24	59	36	28	14	—	—	3.32	472
Median	\$50 000	\$42 500	\$47 700	\$51 000	\$53 500	\$52 900	\$53 800	\$44 200	\$48 600	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	33 621	3 923	10 380	6 463	7 208	3 435	1 492	527	193	2.89	104 950
Median income	\$22 056	\$8 994	\$19 407	\$23 921	\$25 706	\$27 201	\$28 642	\$28 984	\$35 156	...	...
Median selected monthly owner casts as percentage of household income	20.9	31.9	19.8	20.0	21.1	19.6	19.0	18.6	17.3	...	...
With a mortgage	22.2	32.3	22.1	22.6	22.1	20.6	19.7	19.0	17.6	...	...
Not mortgaged	16.3	31.5	17.0	11.2	10.6	10—	10.8	10—	12.5	...	...
Income in 1979 below poverty level	1 281	495	287	137	203	107	25	8	19	2.01	...
Median income	\$3 073	\$2 554	\$2 775	\$3 519	\$4 549	\$6 047	\$7 596	\$3 750	\$8 304	...	...
Median selected monthly owner casts as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	50+	50+	50+	37.5	50+	—	—	—	—	...	...
Renter-occupied housing units	23 478	8 972	7 269	3 423	2 183	1 068	364	130	69	1.88	51 006
Nonrelatives present	2 575	—	1 804	410	165	110	55	18	13	2.21	6 683
ROOMS											
1 room	817	746	49	15	7	—	—	—	—	1.05	874
2 rooms	1 524	1 234	274	16	—	—	—	—	—	1.12	1 724
3 rooms	5 051	3 271	1 505	230	20	—	16	—	9	1.27	7 099
4 rooms	7 603	2 418	2 972	1 343	683	172	10	—	5	1.97	15 905
5 rooms	5 431	957	1 654	1 229	890	489	129	59	24	2.59	15 270
6 rooms	2 211	265	653	427	426	263	117	42	18	2.94	6 864
7 or more rooms	841	81	162	163	157	144	92	29	13	3.59	3 270
Median	4.1	3.3	4.1	4.6	4.9	5.2	5.7	5.6	5.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	22 609	8 549	7 019	3 368	2 110	1 035	358	110	60	1.89	49 318
1.00 or less	22 062	8 549	6 985	3 337	2 089	869	209	18	6	1.86	46 300
1.01 to 1.50	446	—	—	16	14	166	133	92	25	5.70	2 580
1.51 or more	101	—	34	15	7	—	16	—	29	3.71	438
Lacking complete plumbing for exclusive use	869	423	250	55	73	33	6	20	9	1.55	1 688
1.00 or less	818	423	235	55	67	27	—	11	—	1.47	1 476
1.01 to 1.50	27	—	—	—	6	6	9	—	—	5.75	136
1.51 or more	24	—	15	—	—	—	—	—	9	2.30	76
UNITS IN STRUCTURE											
1, detached or attached	2 112	345	688	411	324	220	74	38	12	2.56	6 291
2	4 333	1 326	1 411	748	541	214	64	23	6	2.10	9 962
3 and 4	5 451	1 768	1 698	973	560	323	87	30	12	2.06	12 747
5 to 9	4 743	1 983	1 487	550	364	222	81	26	30	1.76	9 792
10 to 49	5 787	2 788	1 809	699	339	89	41	13	9	1.56	10 685
50 or more	795	638	122	15	16	—	4	—	—	1.12	985
Mobile home or trailer, etc.	257	124	54	27	39	—	13	—	—	1.58	544
GROSS RENT											
Specified renter-occupied housing units	23 234	8 958	7 163	3 379	2 150	1 036	360	119	69	1.87	50 125
Less than \$100	1 626	1 368	175	54	21	8	—	—	—	1.09	1 938
\$100 to \$149	1 469	871	300	74	97	46	24	48	9	1.34	2 686
\$150 to \$199	3 184	1 686	838	395	161	79	20	5	—	1.44	5 555
\$200 to \$249	5 218	2 056	1 775	712	434	177	52	7	5	1.81	10 781
\$250 to \$299	4 929	1 510	1 892	838	419	197	69	4	—	2.00	11 017
\$300 to \$349	3 570	929	1 272	648	469	189	39	12	12	2.17	8 427
\$350 to \$399	1 416	199	437	346	244	104	64	10	12	2.71	3 997
\$400 to \$449	833	114	148	190	182	108	49	23	19	3.31	2 795
\$500 or more	339	27	75	59	88	57	11	10	12	3.60	1 207
No cash rent	650	198	251	63	35	71	32	—	—	2.01	1 722
Median	\$248	\$210	\$261	\$276	\$292	\$293	\$223	\$385	...	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	23 478	8 972	7 269	3 423	2 183	1 068	364	130	69	1.88	51 006
Median income	\$11 730	\$7 498	\$14 000	\$15 591	\$16 113	\$15 642	\$17 000	\$18 281	\$23 021	...	...
Median gross rent as percentage of household income	24.8	29.0	22.5	22.5	21.7	23.9	24.3	20.2	18.6	...	...
Income in 1979 below poverty level	4 024	1 939	822	570	322	207	101	50	13	1.59	...
Median income	\$3 571	\$3 008	\$3 835	\$3 678	\$5 329	\$6 327	\$7 361	\$10 000	\$10 469	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	46.2	33.9	22.0	45.0	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

		Married-couple families						Male householder, no wife present						Female householder, no husband present					
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age		
The SMSA																			
Owner-occupied housing units																			
PERSONS IN UNIT																			
1 person	3 923	507	6 131	6 248	10 128	3 162	107	504	446	771	585	34	602	586	1 821	1 899	47.8		
2 persons	10 380	281	1 293	475	3 820	2 578	49	302	237	429	430	9	194	96	904	1 273	62.1		
3 persons	6 463	236	1 568	778	2 587	500	21	136	111	227	125	18	131	196	533	419	58.5		
4 persons	7 208	41	2 372	2 329	1 925	1 077	6	14	34	56	25	7	176	135	175	120	47.1		
5 persons	3 435	12	650	1 494	1 077	6	—	5	48	5	—	—	83	73	139	65	38.6		
6 or more persons	2 212	—	248	1 172	689	13	—	4	28	5	—	—	40	43	22	41.9	41.9		
Median	2 889	2.7	3 59	4.30	2 98	33	388	7 009	1 62	1 44	1 40	6	1.94	2.32	1.51	1.25	41.9		
Total persons	104 930	1 691	21 904	27 389	197	886	197	862	1 342	843	54	1.94	1.394	1 707	3 414	2 940	43.5		
PLUMBING FACILITIES BY PERSONS PER ROOM																			
Complete plumbing for exclusive use—	33 311	507	6 111	6 199	10 064	3 092	107	496	446	752	558	34	597	574	1 797	1 887	47.7		
1.01 or more persons per room—	639	7	101	238	240	64	—	—	—	—	—	—	19	—	5	11	42.4		
Locking complete plumbing for exclusive use—	310	—	20	49	64	—	—	—	—	—	—	—	—	—	24	12	55.4		
1.01 or more persons per room—	8	—	—	8	—	—	—	—	—	—	—	—	—	—	—	—	42.5		
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																			
Specified owner-occupied housing units																			
With a mortgage—	25 467	372	4 959	5 180	7 779	2 298	61	286	269	506	419	34	413	402	1 227	1 262	46.7		
Less than 15 percent	18 195	361	4 857	4 928	5 202	432	41	286	242	275	58	34	381	363	568	167	48.6		
15 to 19 percent	3 608	19	223	1 032	2 044	60	17	33	18	32	—	—	19	19	86	6	41.2		
20 to 24 percent	3 836	16	888	1 355	1 231	63	—	55	66	23	—	20	29	75	15	34	37.4		
25 to 29 percent	3 642	70	313	1 055	812	65	—	43	37	68	7	14	28	41	55	34	35.7		
30 to 34 percent	2 822	84	143	700	475	50	12	58	25	45	12	—	36	70	105	7	35.7		
35 percent or more	1 559	10	543	344	275	43	5	30	38	6	—	48	26	70	32	36.6	37.2		
Not computed—	2 663	42	734	436	355	151	7	67	51	72	33	20	217	178	177	73	34.1		
Not mortgaged																			
Median	22.3	28.3	25.0	20.4	17.3	27.8	26.5	20	24.5	26.6	45.7	42.7	41.3	34.3	28.2	33.4	63.9		
Less than 10 percent	7 272	11	102	252	2 577	1 866	20	—	27	231	361	—	32	39	659	1 095	31.3		
10 to 14 percent	1 680	—	38	104	667	415	5	—	18	36	5	—	10	13	106	61	61.6		
15 to 19 percent	1 650	5	34	104	667	415	—	—	4	41	48	—	8	8	120	125	64.1		
20 to 24 percent	1 077	—	24	40	335	342	—	—	4	41	48	—	5	5	13	108	66.3		
25 to 29 percent	908	—	—	15	233	347	—	—	—	25	75	—	—	—	65	87	68.6		
30 to 34 percent	343	6	—	6	7	70	7	—	—	12	13	—	—	—	29	114	70.9		
35 percent or more	1 126	—	—	—	115	260	—	—	5	27	133	—	9	4	123	450	71.5		
Not computed—	50	—	—	—	7	—	—	—	—	—	5	—	14.4	14.4	18.8	14.0	20.0		
Median	16.3	30.4	11.9	12.1	11.6	18.9	12.0	—	10	—	—	—	10	13	106	145	31.3		
Renter-occupied housing units																			
PERSONS IN UNIT																			
1 person	8 972	541	935	212	958	1 053	—	595	1 120	453	772	561	499	779	292	1 62	2 739	54.1	
2 persons	7 269	342	812	166	486	148	—	422	476	181	143	97	606	630	263	466	35.1		
3 persons	5 74	219	954	282	227	17	—	80	87	80	39	7	174	117	189	133	55		
4 persons	2 048	47	277	322	135	21	—	33	32	34	12	40	47	120	150	52	32.4		
5 persons	5 633	7	96	205	104	6	—	32	19	11	—	7	100	34	53	31	—		
6 or more persons	1 888	2.6	3.24	4.26	2.50	—	1.45	—	13	14	—	—	1.10	1.77	1.93	2.21	1.32		
Median	5 006	3 943	10 012	4 916	5 588	2 642	1 820	2 744	1 234	1 413	798	2 481	2 481	4 564	2 326	3 206	3 299	37.9	
PLUMBING FACILITIES BY PERSONS PER ROOM																			
Complete plumbing for exclusive use—	22 609	1 333	2 994	1 156	1 837	1 193	1 058	1 126	728	971	620	1 286	2 055	924	1 821	2 917	37.7		
1.01 or more persons per room—	547	20	101	177	69	39	67	42	31	5	—	40	42	47	33	25	38.3		
Locking complete plumbing for exclusive use—	859	57	80	31	—	9	—	—	7	—	8	—	35	75	145	—	46.5		
1.01 or more persons per room—	51	—	12	—	—	—	—	—	—	—	—	—	—	—	—	—	33.1		
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																			
Specified renter-occupied housing units																			
Less than 15 percent	23 234	1 380	2 979	1 154	1 865	1 239	1 122	1 746	751	1 013	677	1 326	2 082	949	1 889	3 062	38.0		
15 to 19 percent	3 707	202	682	749	473	437	137	168	109	145	73	68	115	154	224	197	37.4		
20 to 24 percent	3 846	329	310	557	194	224	303	140	165	131	130	265	299	93	223	259	33.6		
25 to 29 percent	3 803	310	466	350	115	143	191	164	101	83	62	163	302	120	205	274	36.0		
30 to 34 percent	2 754	146	221	70	104	128	103	168	133	123	65	225	74	74	226	37.7	37.7		
35 to 49 percent	1 901	61	228	94	144	190	156	168	144	124	69	303	349	154	220	304	46.5		
50 percent or more	2 981	115	159	48	121	83	29	123	50	158	40	440	440	155	348	848	45.2		
Not computed—	3 376	866	—	33	48	18.2	25.7	25.5	21.3	20.8	28.1	36.2	36.2	30.0	29.7	29.7	32.4		
Not computed																			
Median	24.8	22	20.4	19.3	18.2	25.7	25.5	21.3	20.8	23.5	28.1	36.2	36.2	30.0	29.7	29.7	32.4		

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA

	Male householder							Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Owner-occupied housing units	3 923	1 447	49	302	237	429	430	2 476	9	194	96	904	1 273	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	3 854	1 410	49	298	237	415	411	2 444	9	194	90	885	1 266	
Lacking complete plumbing for exclusive use	69	37	—	4	—	14	19	32	—	—	6	19	7	
UNITS IN STRUCTURE														
1, detached or attached	2 805	1 039	27	184	175	310	343	1 766	9	170	55	608	924	
2 or more	751	254	22	76	35	72	49	497	—	12	18	191	276	
Mobile home or trailer, etc.	367	154	—	42	27	47	38	213	—	12	23	105	73	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	1 071	233	—	11	5	62	155	838	—	5	6	157	670	
\$5,000 to \$9,999	1 086	302	20	19	26	77	160	784	9	38	26	327	384	
\$10,000 to \$12,499	414	150	12	11	28	49	50	264	—	60	19	129	56	
\$12,500 to \$14,999	309	124	17	32	6	41	28	185	—	7	12	101	65	
\$15,000 to \$19,999	479	252	—	89	79	63	21	227	—	39	11	120	57	
\$20,000 to \$24,999	283	207	—	93	49	58	7	76	—	31	4	29	12	
\$25,000 to \$34,999	173	131	—	47	31	44	9	42	—	14	8	6	14	
\$35,000 to \$49,999	67	24	—	—	6	18	—	43	—	10	18	15		
\$50,000 or more	41	24	—	—	7	17	—	17	—	—	17	—	—	
Median	\$8 994	\$13 276	\$10 938	\$19 167	\$18 482	\$14 116	\$6 304	\$7 262	\$8 750	\$12 250	\$12 105	\$9 553	\$4 850	
Mean	\$11 343	\$14 682	\$10 477	\$18 448	\$18 839	\$17 170	\$7 742	\$9 392	\$8 345	\$13 850	\$14 942	\$11 442	\$6 847	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	2 477	899	27	166	124	257	325	1 578	9	128	40	566	835	
With a mortgage	951	483	19	166	111	135	52	468	9	109	30	226	94	
Less than \$200	66	24	—	8	9	7	42	—	—	7	21	14		
\$200 to \$249	71	37	—	9	—	21	7	34	—	—	24	10		
\$250 to \$299	114	53	12	9	5	21	6	61	—	6	—	28	27	
\$300 to \$349	173	56	—	21	10	18	7	117	—	29	—	76	12	
\$350 to \$399	105	36	—	22	14	—	—	69	—	16	6	34	13	
\$400 to \$499	201	132	7	38	33	35	19	69	9	19	6	23	12	
\$500 to \$599	119	77	—	32	32	7	6	42	—	19	5	12	6	
\$600 to \$749	49	35	—	22	6	7	—	14	—	14	—	—	—	
\$750 or more	53	33	—	13	3	17	—	20	—	6	6	8	—	
Median	\$375	\$422	\$290	\$458	\$462	\$346	\$343	\$341	\$425	\$422	\$417	\$326	\$293	
Not mortgaged	1 526	416	8	—	13	122	273	1 110	—	19	10	340	741	
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$50 to \$74	29	13	—	—	—	—	13	16	—	—	—	—	16	
\$75 to \$99	51	22	8	—	7	—	7	29	—	—	—	6	23	
\$100 to \$124	135	70	—	—	6	26	38	65	—	—	—	8	57	
\$125 to \$149	200	75	—	—	—	21	54	125	—	—	—	41	84	
\$150 to \$199	540	82	—	—	—	18	64	458	—	14	10	167	267	
\$200 to \$249	313	96	—	—	—	46	50	217	—	5	—	61	151	
\$250 or more	258	58	—	—	—	11	47	200	—	—	—	57	143	
Median	\$182	\$167	\$88	—	\$98	\$189	\$169	\$185	—	\$184	\$175	\$184	\$186	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979	31.9	28.2	27.3	29.1	28.7	22.3	35.2	34.0	50+	34.8	27.6	27.3	42.0	
With a mortgage	32.3	29.6	29.0	29.1	30.4	26.9	50.0	35.7	50+	50+	28.9	32.1	50+	
Not mortgaged	31.5	24.2	10—	—	10—	17.3	32.7	33.3	—	17.2	20.8	24.0	40.7	
Income in 1979 below poverty level	495	93	—	6	5	43	39	402	—	5	6	117	274	
Percent below poverty level	12.6	6.4	—	2.0	2.1	10.0	9.1	16.2	—	2.6	6.3	12.9	21.5	
Renter-occupied housing units	8 972	3 501	595	1 120	453	772	561	5 471	499	779	292	1 162	2 739	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	8 549	3 292	534	1 085	435	730	508	5 257	492	760	292	1 103	2 610	
Lacking complete plumbing for exclusive use	423	209	61	35	18	42	53	214	7	19	—	59	129	
UNITS IN STRUCTURE														
1, detached or attached	345	173	25	74	—	57	17	172	13	25	13	30	91	
2	1 326	329	27	124	61	75	42	997	43	103	59	206	586	
3 and 4	1 768	665	163	156	58	148	140	1 103	99	185	68	250	501	
5 to 9	1 983	757	102	282	149	118	106	1 226	149	173	39	316	549	
10 to 49	2 788	1 292	242	439	156	272	183	1 496	189	281	113	300	613	
50 or more	638	179	21	6	19	60	73	459	6	12	—	42	399	
Mobile home or trailer, etc.	124	106	15	39	10	42	—	18	—	—	—	18	—	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	3 082	675	55	57	49	212	302	2 407	96	75	34	368	1 834	
\$5,000 to \$9,999	2 776	1 055	265	262	102	245	181	1 721	279	205	130	456	651	
\$10,000 to \$12,499	1 071	516	126	224	53	83	30	555	95	198	41	106	115	
\$12,500 to \$14,999	691	349	62	194	51	36	6	342	16	157	34	84	51	
\$15,000 to \$19,999	764	456	64	241	106	39	6	308	13	137	32	91	35	
\$20,000 to \$24,999	293	238	15	105	45	68	5	55	—	—	—	44	11	
\$25,000 to \$34,999	193	130	—	37	26	36	31	63	—	7	15	13	28	
\$35,000 to \$49,999	75	61	—	—	15	46	—	14	—	—	—	14	—	
\$50,000 or more	27	21	8	—	6	7	6	6	—	—	—	6	—	
Median	\$7 498	\$10 099	\$9 546	\$12 719	\$13 603	\$8 401	\$4 790	\$5 900	\$7 806	\$11 383	\$9 366	\$7 367	\$4 253	
GROSS RENT														
Specified renter-occupied housing units	8 958	3 491	595	1 110	453	772	561	5 467	499	779	292	1 158	2 739	
Less than \$100	1 368	270	24	13	—	104	129	1 098	13	13	5	82	985	
\$100 to \$149	871	341	46	39	43	111	102	530	48	19	5	137	321	
\$150 to \$199	1 686	681	109	222	83	152	115	1 005	106	148	57	266	428	
\$200 to \$249	2 056	892	198	263	153	187	91	1 164	161	182	99	353	369	
\$250 to \$299	1 510	669	142	294	99	76	58	841	93	287	46	141	274	
\$300 to \$349	929	385	47	169	40	93	36	544	46	125	67	128	178	
\$350 to \$399	199	103	19	43	15	26	—	96	16	—	—	17	63	
\$400 to \$499	114	58	6	24	20	8	—	56	10	5	13	14	14	
\$500 or more	27	15	—	15	—	—	—	12	6	—	—	6	—	
No cash rent	198	77	4	28	—	15	30	121	—	—	—	14	107	
Median	\$210	\$223	\$231	\$251	\$236	\$203	\$157	\$202	\$216	\$258	\$241	\$212	\$151	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979	29.0	24.9	27.4	23.4	22.1	24.5	29.8	31.8	37.1	27.2	31.0	31.7	34.1	
Income in 1979 below poverty level	1 939	450	43	57	49	161	140	1 489	76	54	34	253	1 072	
Percent below poverty level	21.6	12.9	7.2	5.1	10.8	20.9	25.0	27.2	15.2	6.9	11.6	21.8	39.1	

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA		Total	Less than 2 months	2 up to 6 months	6 or more months	The SMSA		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units		357	127	145	85	Vacant for rent housing units		1 232	793	285	154
ROOMS						ROOMS					
1 to 3 rooms		—	—	—	—	1 room		35	28	7	—
4 rooms		60	37	12	11	2 rooms		86	68	11	7
5 rooms		112	22	66	24	3 rooms		320	217	46	57
6 rooms		73	24	34	15	4 rooms		431	270	122	39
7 rooms		35	27	—	8	5 rooms		230	132	68	30
8 or more rooms		77	17	33	27	6 rooms		91	47	26	18
Median		5.6	5.7	5.4	6.0	7 or more rooms		39	31	5	3
PLUMBING FACILITIES						Median		3.9	3.8	4.1	3.8
Complete plumbing for exclusive use		341	119	137	85	PLUMBING FACILITIES					
Lacking complete plumbing for exclusive use		16	8	8	—	Complete plumbing for exclusive use		1 188	753	285	150
BEDROOMS						Lacking complete plumbing for exclusive use		44	40	—	4
None		—	—	—	—	BEDROOMS					
1		10	—	—	—	None		47	28	19	—
2		129	55	60	14	1		417	266	74	77
3		146	44	45	57	2		574	376	139	59
4		72	28	40	4	3		173	113	45	15
5 or more		—	—	—	—	4		11	—	8	3
5 or more		—	—	—	—	5 or more		10	10	—	—
YEAR STRUCTURE BUILT						YEAR STRUCTURE BUILT					
1975 to March 1980		191	55	89	47	1975 to March 1980		113	85	28	—
1970 to 1974		65	20	29	16	1970 to 1974		222	195	27	—
1960 to 1969		21	8	13	—	1960 to 1969		86	54	15	17
1950 to 1959		12	9	—	3	1950 to 1959		52	12	24	16
1940 to 1949		20	11	3	6	1940 to 1949		62	36	11	15
1939 or earlier		48	24	11	13	1939 or earlier		697	411	180	106
UNITS IN STRUCTURE						UNITS IN STRUCTURE					
1, detached or attached		265	95	114	56	1, detached or attached		96	58	35	3
2 or more		64	22	31	11	2		195	116	42	37
Mobile home or trailer		28	10	—	18	3 and 4		304	130	98	76
HEATING EQUIPMENT						5 to 9		206	149	46	11
Central heating system		338	119	138	81	10 to 49		409	325	57	27
Other means		15	8	7	—	50 or more		22	15	7	—
None		4	—	—	4	Mobile home or trailer		—	—	—	—
PRICE ASKED						RENT ASKED					
Specified vacant for sale only housing units		235	95	84	56	Specified vacant for rent housing units		1 227	788	285	154
Less than \$10,000		—	—	—	—	Less than \$100		54	15	6	33
\$10,000 to \$19,999		14	10	—	4	\$100 to \$149		177	112	43	22
\$20,000 to \$29,999		—	—	—	—	\$150 to \$199		270	142	77	51
\$30,000 to \$39,999		40	15	13	12	\$200 to \$249		238	138	67	33
\$40,000 to \$49,999		21	16	5	4	\$250 to \$299		226	172	51	3
\$50,000 to \$59,999		28	18	6	36	\$300 to \$399		211	165	34	12
\$60,000 to \$79,999		91	19	36	36	\$400 or more		51	44	7	—
\$80,000 to \$99,999		33	12	21	—	Median		—	—	—	—
\$100,000 or more		8	5	3	—	\$222		—	—	—	—
Median		\$66 800	\$54 600	\$73 800	\$65 500	\$246		—	—	—	—

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

The SMSA		Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
Total		Total	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
Total	—	235	—	14	61	152	8	66 800	1 227	54	447	464	211	51	222
PLUMBING FACILITIES															
Complete plumbing for exclusive use		219	—	14	53	144	8	66 800	1 183	54	416	458	211	44	224
Lacking complete plumbing for exclusive use		16	—	—	8	—	—	60 000	44	—	31	—	7	—	146
BEDROOMS															
None		—	—	—	—	—	—	—	47	6	29	12	—	—	141
1		4	—	—	—	4	—	77 500	417	30	209	142	36	—	192
2		50	—	—	18	32	—	55 000	569	11	163	228	149	18	241
3		124	—	10	43	68	3	54 500	173	7	43	64	26	33	242
4		57	—	4	—	48	5	86 300	11	—	3	8	—	—	233
5 or more		—	—	—	—	—	—	—	10	—	—	10	—	—	263
YEAR STRUCTURE BUILT															
1975 to March 1980		142	—	—	17	120	5	73 800	113	—	—	28	56	29	341
1970 to 1974		37	—	—	29	8	—	38 400	222	—	3	100	100	19	304
1960 to 1969		5	—	—	5	—	—	32 500	81	11	17	35	18	—	256
1950 to 1959		12	—	—	3	9	—	57 500	52	4	23	25	—	—	179
1940 to 1949		7	—	—	—	4	3	88 800	62	6	20	33	—	3	206
1939 or earlier		32	—	14	7	11	—	41 400	697	33	384	243	37	—	189
UNITS IN STRUCTURE															
1, detached or attached		235	—	14	61	152	8	66 800	91	—	25	37	10	19	276
2 or more		—	—	—	—	—	—	—	1 136	54	422	427	201	32	218
Mobile home or trailer		—	—	—	—	—	—	—	—	—	—	—	—	—	

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

Manchester city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	12 521	45	384	1 006	2 264	4 018	2 504	1 695	374	194	37	46 400	48 500
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	9 744	25	269	616	1 602	3 238	1 954	1 494	329	188	29	47 400	50 100
15 to 24 years	148	—	—	—	49	50	39	6	4	—	—	42 900	46 000
25 to 34 years	1 821	—	—	61	201	803	470	231	55	—	—	48 400	50 000
35 to 44 years	2 104	—	48	71	311	706	429	375	104	56	4	48 900	53 300
45 to 64 years	4 281	16	123	262	779	1 265	823	735	129	124	25	47 600	51 000
65 years and over	1 390	9	98	222	262	414	193	147	37	8	—	42 100	42 900
Male householder, no wife present	792	7	39	108	199	227	122	59	25	6	—	41 400	42 400
15 to 24 years	49	—	8	—	24	10	7	—	—	—	—	37 100	35 500
25 to 34 years	104	—	—	13	15	27	26	17	—	6	—	47 000	50 800
35 to 44 years	65	—	—	5	—	35	8	12	5	—	—	48 000	52 400
45 to 64 years	328	—	7	64	89	102	39	13	14	—	—	40 400	41 000
65 years and over	246	7	24	26	71	53	42	17	6	—	—	39 100	39 500
Female householder, no husband present	1 985	13	76	282	463	553	428	142	20	—	8	42 700	43 000
15 to 24 years	27	—	—	—	7	20	—	—	—	—	—	41 600	41 200
25 to 34 years	154	—	—	14	18	61	48	13	—	—	—	47 200	47 000
35 to 44 years	173	—	—	—	33	83	49	8	—	—	—	45 800	46 400
45 to 64 years	751	6	26	97	186	201	140	75	20	—	—	43 400	43 800
65 years and over	880	7	50	171	219	188	191	46	—	8	—	39 700	41 000
Median age	52.3	70.2	63.3	62.3	56.4	49.1	49.0	50.0	48.4	50.0	62.5	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 073	6	8	37	123	407	213	213	36	30	—	48 900	53 100
1975 to 1978	2 643	—	7	85	415	941	667	365	113	46	4	48 700	51 800
1970 to 1974	1 519	6	24	111	239	479	328	247	42	43	—	48 400	50 500
1960 to 1969	3 104	5	114	228	493	1 118	584	398	91	65	8	46 200	48 700
1959 or earlier	4 182	28	231	545	994	1 073	712	472	92	10	25	42 400	44 300
ROOMS													
1 to 3 rooms	143	14	28	25	24	30	11	11	—	—	—	33 800	33 100
4 rooms	1 200	11	84	204	367	394	114	20	—	6	—	38 000	37 300
5 rooms	3 171	—	120	340	770	1 129	578	213	13	8	—	43 000	42 700
6 rooms	3 844	14	53	284	647	1 462	822	474	88	—	—	46 500	47 100
7 rooms	2 291	—	66	84	347	677	583	405	100	17	12	49 600	51 900
8 or more rooms	1 872	6	33	69	109	326	396	572	173	163	25	59 900	65 000
Median	6.0	4.3	5.2	5.3	5.5	5.8	6.2	6.8	7.4	8.5+	8.5+	...	...
BEDROOMS													
None	7	7	—	—	—	—	—	—	—	—	—	10000	7 500
1	566	7	50	118	156	129	70	36	—	—	—	36 500	37 200
2	3 147	11	153	394	744	1 101	404	259	67	14	4	42 300	42 700
3	6 021	14	118	356	1 064	2 074	1 404	831	132	18	10	46 900	48 300
4	2 290	—	54	95	258	667	487	481	144	92	12	51 100	55 800
5 or more	490	6	9	43	42	47	139	88	31	70	15	55 800	67 300
YEAR STRUCTURE BUILT													
1975 to March 1980	781	—	—	5	19	257	266	174	45	15	—	54 100	57 300
1970 to 1974	609	—	—	7	109	174	153	131	17	18	—	50 700	53 700
1960 to 1969	2 222	5	28	92	250	807	507	391	103	35	4	49 200	52 700
1950 to 1959	3 097	—	72	268	553	1 043	641	401	76	37	6	46 400	48 000
1940 to 1949	1 698	—	62	163	370	593	220	217	57	12	4	44 300	46 200
1939 or earlier	4 114	40	222	471	963	1 144	717	381	76	77	23	42 700	45 000
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 675	14	41	106	180	158	124	31	13	8	—	39 800	40 600
\$5,000 to \$9,999	1 338	9	115	221	340	396	149	108	—	—	—	39 600	39 100
\$10,000 to \$12,499	668	11	36	87	174	188	128	44	—	—	—	41 100	40 400
\$12,500 to \$14,999	596	—	32	100	134	187	102	30	11	—	—	41 400	41 100
\$15,000 to \$19,999	1 915	5	41	181	455	622	403	178	9	21	—	44 600	45 200
\$20,000 to \$24,999	2 214	—	34	118	363	930	463	274	32	—	—	46 500	47 200
\$25,000 to \$34,999	3 099	6	53	116	410	1 116	775	501	99	23	—	48 800	50 600
\$35,000 to \$49,999	1 321	—	25	68	179	306	265	307	124	35	12	52 200	56 600
\$50,000 or more	695	—	7	9	29	115	95	222	86	107	25	69 600	76 400
Median	\$22 034	\$7 361	\$12 500	\$14 725	\$18 602	\$22 009	\$23 786	\$29 103	\$38 103	\$53 260	\$75000+	...	...
Mean	\$24 360	\$10 819	\$16 423	\$16 515	\$19 238	\$22 924	\$24 815	\$31 166	\$40 909	\$58 590	\$116 463	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	7 992	15	121	398	1 300	2 875	1 643	1 170	287	167	16	47 600	50 700
Less than 15 percent	1 871	6	37	63	313	664	335	316	76	49	12	47 700	52 200
15 to 19 percent	1 784	—	17	96	335	676	266	241	69	80	4	47 100	51 700
20 to 24 percent	1 484	—	18	102	173	505	408	221	57	—	—	48 900	50 000
25 to 29 percent	1 093	—	21	36	187	414	256	130	32	17	—	47 200	49 800
30 to 34 percent	624	—	—	41	96	242	113	99	26	7	—	48 000	50 600
35 percent or more	1 130	9	28	60	190	374	265	163	27	14	—	46 500	48 300
Not computed	6	—	—	—	6	—	—	—	—	—	—	32 500	32 500
Median	21.1	41.7	21.8	22.0	20.0	21.0	22.7	20.6	19.9	17.2	10.0	—	—
21.1	—	—	—	—	—	—	—	—	—	—	—	43 100	44 600
Not mortgaged	4 529	30	263	608	964	1 143	861	525	87	27	21	43 100	44 600
Less than 10 percent	1 032	5	51	125	177	217	229	159	51	5	13	47 100	49 700
10 to 14 percent	1 019	—	57	67	220	304	211	127	18	7	8	46 100	46 900
15 to 19 percent	665	11	24	122	142	161	137	63	5	—	—	41 600	41 600
20 to 24 percent	534	—	57	99	122	95	100	54	—	7	—	39 100	40 500
25 to 29 percent	237	—	—	23	82	77	24	31	—	—	—	41 100	43 600
30 to 34 percent	239	—	9	54	56	44	29	41	6	—	—	40 100	43 700
35 percent or more	760	14	65	106	158	235	124	50	—	8	—	41 400	40 400
Not computed	43	—	—	12	7	10	7	—	7	—	—	41 300	46 600
Median	16.4	19.5	19.9	19.3	17.9	16.4	14.7	14.1	10—	21.1	10—	—	—
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	12 501	38	384	1 006	2 264	4 018	2 491	1 695	374	194	37	46 300	48 500
1 or 0 more persons per room	211	—	5	11	84	89	22	—	—	—	—	40 500	40 200
Lacking complete plumbing for exclusive use	20	7	—	—	—	—	13	—	—	—	—	51 200	36 800
1 or 0 more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	12 513	45	376	1 006	2 264	4 018	2 504	1 695	374	194	37	46 400	48 500
Central heating system	11 716	38	337	947	2 101	3 762	2 322	1 609	369	194	37	46 500	48 800
Air conditioning	5 003	11	101	295	763	1 765	979	828	169	73	19	47 800	50 600
Central system	240	—	—	11	21	75	53	51	4	21	4	52 500	61 500
Income in 1979 below poverty level	443	14	20	82	97	82	103	38	7	—	—	41 100	41 200
Percent below poverty level	3.5	31.1	5.2	8.2	4.3	2.0	4.1	2.2	1.9	—	—	—	—

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Manchester city

Specified renter-occupied housing units

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 399	127	288	766	1 591	1 465	1 131	529	253	82	167	262
15 to 24 years	989	9	31	95	290	296	185	70	13	—	—	261
25 to 34 years	2 089	15	34	225	544	552	417	193	77	11	21	270
35 to 44 years	847	9	74	43	172	198	164	66	64	19	38	284
45 to 64 years	1 461	22	47	233	331	266	242	146	65	46	63	261
65 years and over	1 013	72	102	170	254	153	123	54	34	6	45	225
Male householder, no wife present	3 884	276	319	681	996	794	450	141	107	38	82	233
15 to 24 years	862	24	54	138	257	204	99	52	25	—	9	243
25 to 34 years	1 105	19	39	166	295	317	177	44	20	20	8	255
35 to 44 years	536	—	46	89	176	95	38	33	33	12	14	234
45 to 64 years	842	104	96	179	170	121	102	12	29	6	23	209
65 years and over	539	129	84	109	98	57	34	—	—	—	28	163
Female householder, no husband present	7 674	1 069	664	1 286	1 777	1 330	939	304	121	19	165	222
15 to 24 years	1 057	19	38	148	309	266	177	67	19	6	8	252
25 to 34 years	1 596	45	103	236	372	456	258	89	27	—	10	254
35 to 44 years	775	16	66	103	181	156	164	54	28	—	7	256
45 to 64 years	1 646	122	174	334	475	217	189	63	33	11	28	220
65 years and over	2 600	867	283	465	440	235	151	31	14	2	112	158
Median age	40.5	73.9	55.1	48.5	37.1	32.2	34.1	34.2	39.3	45.2	58.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 414	280	311	670	1 443	1 577	1 251	505	288	44	45	266
1975 to 1978	5 938	378	391	818	1 670	1 260	857	325	97	87	55	241
1970 to 1974	2 508	474	223	454	511	405	205	99	66	6	65	208
1960 to 1969	1 516	185	169	337	350	204	144	37	3	2	85	203
1959 or earlier	1 581	155	177	454	390	143	63	8	27	—	164	191
ROOMS												
1 room	625	236	176	123	51	12	—	—	—	12	15	115
2 rooms	1 160	304	203	331	200	68	29	—	—	—	25	163
3 rooms	3 840	561	253	703	1 022	852	350	73	—	—	26	220
4 rooms	5 338	249	302	686	1 400	1 341	863	287	122	3	85	250
5 rooms	4 553	102	230	627	1 207	854	865	293	222	38	115	253
6 rooms	1 909	20	80	234	387	373	363	268	82	46	56	280
7 or more rooms	532	—	27	29	97	89	50	53	55	40	92	290
Median	4.1	2.8	3.5	3.8	4.1	4.1	4.5	4.9	5.0	5.9	5.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	17 957	1 472	1 271	2 733	4 364	3 589	2 520	974	481	139	414	239
Complete plumbing for exclusive use	17 167	1 268	1 117	2 650	4 212	3 487	2 483	954	469	139	388	241
0.50 or less	10 845	1 013	631	1 911	2 809	2 089	1 436	422	192	53	289	232
0.51 to 1.00	5 960	255	436	697	1 313	1 354	1 002	504	256	73	70	258
1.01 to 1.50	304	—	50	29	72	44	45	23	13	6	22	244
1.51 or more	58	—	—	13	18	—	—	5	8	7	7	242
Lacking complete plumbing for exclusive use	790	204	154	83	152	102	37	20	12	—	26	167
0.50 or less	395	95	34	67	82	73	12	11	6	—	15	188
0.51 to 1.00	356	109	95	16	70	29	25	9	—	—	3	120
1.01 to 1.50	15	—	9	—	—	—	—	—	6	—	—	118
1.51 or more	24	—	16	—	—	—	—	—	—	—	8	111
Income in 1979 below poverty level	3 427	765	377	549	611	474	333	112	88	12	106	197
Complete plumbing for exclusive use	3 191	673	334	525	572	464	321	107	88	12	95	202
1.01 or more persons per room	134	—	29	19	39	20	5	7	8	7	—	231
Lacking complete plumbing for exclusive use	236	92	43	24	39	10	12	.5	—	—	11	112
1.01 or more persons per room	17	—	9	—	—	—	—	—	—	—	8	115
BEDROOMS												
None	723	261	198	144	77	12	—	—	—	12	19	123
1	6 191	904	494	1 271	1 513	1 236	569	106	36	3	59	213
2	6 974	265	345	874	1 818	1 629	1 208	480	188	25	142	253
3	3 481	42	198	401	859	658	667	272	218	42	124	264
4	494	—	23	43	82	54	70	108	30	38	46	316
5 or more	94	—	13	—	15	—	6	8	9	19	24	356
UNITS IN STRUCTURE												
1, detached or attached	1 043	44	33	57	173	124	155	94	96	77	190	298
2	3 478	120	152	518	775	702	573	293	186	27	132	258
3 and 4	4 765	215	211	968	1 473	977	597	175	91	13	45	235
5 to 9	4 056	307	373	727	1 298	849	328	125	30	2	17	225
10 to 49	3 847	411	353	422	583	890	840	266	45	7	30	261
50 or more	714	375	149	41	29	32	21	21	33	13	—	97
Mobile home or trailer, etc.	54	—	—	—	33	15	6	—	—	—	—	241
YEAR STRUCTURE BUILT												
1975 to March 1980	1 022	46	32	43	69	133	425	192	70	4	8	322
1970 to 1974	1 947	258	55	25	273	664	365	172	89	13	33	280
1960 to 1969	1 416	262	82	83	255	251	228	85	93	38	39	252
1950 to 1959	1 227	96	150	184	200	280	173	72	20	5	47	240
1940 to 1949	1 649	99	124	260	391	363	267	84	22	9	30	242
1939 or earlier	10 696	711	828	2 138	3 176	1 898	1 062	369	187	70	257	226
STORIES IN STRUCTURE												
1 to 3	16 432	963	1 062	2 571	4 121	3 456	2 378	931	418	126	406	242
4 or more	1 525	509	209	162	243	133	142	43	63	13	8	164
With elevator	834	426	151	21	35	44	80	31	33	13	—	99
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	2 955	295	298	625	762	470	315	150	31	9	—	217
15 to 19 percent	2 877	260	179	373	840	733	333	89	57	13	—	239
20 to 24 percent	2 889	458	222	344	556	597	463	181	54	14	—	239
25 to 29 percent	2 135	208	158	305	527	424	278	143	38	54	—	238
30 to 34 percent	1 434	84	59	239	323	346	243	101	33	6	—	252
35 to 49 percent	2 354	96	182	298	557	466	405	164	166	20	—	255
50 percent or more	2 709	52	150	482	769	531	466	134	102	23	—	244
Not computed	604	19	23	67	30	22	17	12	—	—	414	190
Median	24.9	21.9	23.3	24.9	25.1	24.9	27.5	27.1	36.8	28.1	—	...
SELECTED CHARACTERISTICS												
Heating equipment	17 903	1 472	1 265	2 709	4 345	3 584	2 520	974	481	139	414	239
Central heating system	12 716	1 270	932	1 470	2 535	2 678	2 065	864	401	133	368	249
Air conditioning	4 813	166	148	475	784	1 249	1 132	481	200	24	154	282
Central system	277	35	—	13	33	28	70	36	47	10	5	319

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Manchester city

	Household income in 1979												Income in 1979 below poverty level											
	Total	Less than \$5,000		\$5,000 to \$9,999		\$10,000 to \$12,499		\$12,500 to \$14,999		\$15,000 to \$19,999		\$20,000 to \$24,999		\$25,000 to \$34,999		\$35,000 to \$49,999		\$50,000 or more		Median (dollars)	Mean (dollars)			
		16	312	951	1	854	956	840	2	555	2	865	3	802	1	653	836	21	460	23	608	627		
Owner-occupied housing units																								
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER																								
Married-couple families	12 398	223	892	586	522	1	993	2	551	3	393	1	510	728	23	660	26	253	269					
15 to 24 years	244	—	6	27	25	72	60	47	7	—	19	512	19	965	—									
25 to 34 years	2 276	38	64	50	112	495	779	608	107	23	22	153	22	723	79									
35 to 44 years	2 511	13	27	27	42	320	631	924	392	135	26	746	29	632	21									
45 to 64 years	5 503	70	238	207	209	785	892	1	645	938	519	26	939	29	871	95								
65 years and over	1 864	102	557	275	134	321	189	169	66	51	12	482	16	152	74									
Male householder, no wife present	1 105	128	207	103	106	176	121	181	29	54	15	224	18	320	44									
15 to 24 years	65	—	22	—	17	4	8	11	3	—	14	044	16	592	—									
25 to 34 years	185	11	3	18	16	45	24	40	—	28	19	946	23	850	11									
35 to 44 years	107	—	16	—	32	3	36	11	9	25	298	25	659	—										
45 to 64 years	416	34	55	47	42	63	75	68	15	17	16	923	20	381	21									
65 years and over	332	83	111	38	31	32	11	26	—	—	8	600	10	630	12									
Female householder, no husband present	2 809	600	755	267	212	386	193	228	114	54	10	463	14	013	314									
15 to 24 years	27	—	9	—	18	—	—	—	—	—	16	607	14	248	—									
25 to 34 years	218	30	39	47	12	39	17	9	20	5	12	128	15	950	30									
35 to 44 years	223	—	41	39	34	33	14	45	17	—	14	816	18	435	16									
45 to 64 years	1 047	103	286	108	79	191	106	91	34	49	13	339	17	079	85									
65 years and over	1 294	467	380	73	87	105	56	83	43	—	6	772	10	438	183									
Median age	52.9	71.5	66.8	62.6	58.6	51.0	43.1	47.5	50.6	53.3	—	—	—	—	60.4									
YEAR HOUSEHOLDER MOVED INTO UNIT																								
1979 to March 1980	1 308	21	58	63	63	256	333	357	97	60	22	183	25	206	28									
1975 to 1978	3 545	79	116	150	199	710	800	985	340	166	22	912	25	998	98									
1970 to 1974	1 969	120	153	83	90	297	375	471	227	153	23	114	26	305	141									
1960 to 1965	3 767	124	421	217	129	452	701	1 030	483	210	23	572	25	439	81									
1959 or earlier	5 723	607	1 106	443	359	840	656	959	506	247	17	005	20	186	279									
SELECTED CHARACTERISTICS																								
Complete plumbing for exclusive use	16 137	934	1	824	935	836	2	530	2	831	3	773	1	638	836	21	500	23	668	610				
1-01 or more persons per room	1 301	—	8	5	—	52	51	102	46	37	28	413	30	228	8									
Lacking complete plumbing for exclusive use	175	17	30	21	4	25	34	29	15	—	18	516	18	026	17									
Heating equipment	16 304	951	1	854	956	832	2	555	2	865	3	802	1	653	836	21	466	23	613	627				
Central heating system	15 150	866	1	726	913	785	2	326	2	599	3	525	1	607	803	21	522	23	792	540				
Air conditioning	6 550	224	551	307	292	972	1	340	1	711	701	452	23	364	25	959	193							
Central system	300	—	55	—	14	23	71	67	23	47	24	244	29	208	—									
Vehicles available	15 395	561	1	547	883	795	2	488	2	855	3	789	1	641	836	22	091	24	553	453				
1	6 751	436	1	251	627	577	1	294	1	135	1	043	251	137	16	957	18	501	282					
2 or more	8 644	125	296	256	218	1 194	1	720	2	746	1	390	699	26	568	29	280	171						
House heating fuel	16 304	951	1	854	956	832	2	555	2	865	3	802	1	653	836	21	466	23	613	627				
Utility gas	121	168	299	95	177	383	373	418	182	96	19	678	22	037	105									
Bottled, tank, or LP gas	128	14	25	13	10	24	17	11	—	—	14	615	17	298	14									
Electricity	1 298	43	62	56	45	162	300	404	147	79	24	607	26	938	48									
Fuel oil, kerosene, etc.	12 109	696	1 471	768	571	1 858	2 030	2 793	1 280	642	21	396	23	599	422									
Other	578	30	8	12	26	142	138	170	33	19	22	796	23	799	38									
Median rooms	5.8	5.3	5.3	5.3	5.5	5.7	5.7	6.0	6.5	7.2	—	—	—	—	—	—	—	—	—	—	—	—	5.5	
Specified owner-occupied housing units	12 521	675	1	338	668	596	1	915	2	214	3	099	1	321	695	22	034	24	360	443				
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS																								
With a mortgage	7 992	191	419	286	297	1	273	1	687	2	386	958	495	24	446	26	886	231						
Less than \$200	165	8	52	11	12	8	27	39	8	—	14	896	17	316	8									
\$200 to \$249	425	11	41	59	34	85	79	70	46	—	18	750	20	089	11									
\$250 to \$299	881	38	65	35	64	138	204	198	100	39	21	948	23	334	23									
\$300 to \$349	994	26	26	32	41	195	211	307	104	32	23	579	24	470	28									
\$350 to \$399	1 142	26	71	34	54	236	237	342	114	28	23	783	24	452	46									
\$400 to \$449	2 159	49	102	68	56	381	558	612	254	79	23	655	25	518	76									
\$500 to \$549	1 362	16	18	47	18	156	285	530	202	90	27	597	30	007	16									
\$600 to \$749	621	17	18	—	13	53	71	241	102	106	28	562	35	153	17									
\$750 or more	243	—	6	—	5	21	15	47	28	121	28	458	53	004	6									
Median	\$415	\$374	\$354	\$359	\$347	\$395	\$415	\$431	\$438	\$577	—	—	—	—	—	—	—	—	—	—	—	—	—	\$399
Not mortgaged	4 529	484	919	382	299	642	527	713	363	200	16	289	19	902	212									
Less than \$74	19	19	—	—	8	32	85	417	297	193	34	312	40	354	—									
\$75 to \$99	38	6	14	—	8	5	—	5	—	—	7	321	11	266	—									
\$100 to \$124	186	38	89	8	7	14	17	6	—	7	7	148	12	176	21									
\$125 to \$149	234	60	71	25	13	26	13	12	14	—	9	239	12	475	15									
\$150 to \$199	1 332	114	360	160	112	149	172	187	69	9	13	214	16	347	68									
\$200 to \$249	1 497	136	237	124	102	281	204	286	109															

Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Manchester city

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	18 022	3 739	4 449	1 995	1 704	2 945	1 580	1 138	384	88	11 031	12 787	3 434
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	6 437	290	1 031	668	831	1 537	1 053	750	231	46	16 018	17 364	468
15 to 24 years	989	73	143	114	154	335	101	63	—	6	15 110	15 232	96
25 to 34 years	2 097	66	176	282	266	629	429	192	49	8	16 701	17 441	122
35 to 44 years	849	18	129	62	99	179	143	141	75	3	17 596	19 203	99
45 to 64 years	1 489	30	155	120	195	278	292	293	104	22	19 278	20 967	62
65 years and over	1 013	103	428	90	117	116	88	61	3	7	9 660	12 448	89
Male householder, no wife present	3 884	650	1 023	544	346	643	305	225	115	33	11 236	13 394	508
15 to 24 years	862	67	274	163	102	170	68	18	—	—	11 380	11 839	104
25 to 34 years	1 105	76	232	188	162	257	116	37	32	5	13 372	14 387	92
35 to 44 years	536	55	94	65	34	118	50	91	23	6	15 641	16 891	55
45 to 64 years	842	174	274	93	48	76	66	34	55	22	9 570	14 751	133
65 years and over	539	278	149	35	—	22	5	45	5	—	4 911	8 247	124
Female householder, no husband present	7 701	2 799	2 395	783	527	765	222	163	38	9	7 059	8 655	2 458
15 to 24 years	1 057	296	387	135	43	119	49	12	7	9	8 009	9 567	381
25 to 34 years	1 611	348	464	217	216	222	55	81	8	—	9 929	10 810	517
35 to 44 years	780	106	299	107	101	122	27	12	6	—	9 743	10 551	197
45 to 64 years	1 653	390	598	192	124	240	65	41	3	—	8 718	9 954	338
65 years and over	2 600	1 659	647	132	43	62	26	17	14	—	4 346	5 554	1 025
Median age	40.5	67.0	45.6	32.8	32.9	32.4	34.5	41.2	44.4	46.3	—	—	47.5
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	6 433	1 073	1 662	877	595	1 171	556	353	109	37	11 373	12 980	1 244
1975 to 1978	5 955	1 069	1 416	594	686	1 044	584	391	142	29	12 073	13 301	997
1970 to 1974	2 511	721	497	274	237	355	175	192	57	3	10 342	11 965	579
1960 to 1969	1 535	354	398	152	124	193	177	83	49	5	10 255	12 607	288
1959 or earlier	1 588	522	476	98	62	182	88	119	27	14	7 361	11 551	326
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	17 232	3 437	4 259	1 930	1 624	2 873	1 544	1 093	384	88	11 192	12 944	3 198
0.50 or less	10 889	2 641	2 936	1 261	935	1 586	709	561	194	66	9 773	11 826	1 924
0.51 to 1.00	5 973	772	1 237	616	653	1 223	788	486	176	22	13 884	14 807	1 140
1.01 to 1.50	312	10	79	45	30	52	42	40	14	—	14 333	16 199	112
1.51 or more	58	14	7	8	6	12	5	6	—	—	12 500	13 656	22
Locking complete plumbing for exclusive use	790	302	190	65	80	72	36	45	—	—	7 668	9 352	236
0.50 or less	395	175	79	26	44	30	26	15	—	—	6 406	8 953	129
0.51 to 1.00	356	119	95	39	30	33	10	30	—	—	8 163	9 719	90
1.01 to 1.50	15	—	9	—	6	—	—	—	—	—	9 583	10 866	9
1.51 or more	24	8	—	7	—	—	9	—	—	—	8 929	9 524	8
SELECTED CHARACTERISTICS													
Heating equipment	17 968	3 705	4 443	1 989	1 704	2 937	1 580	1 138	384	88	11 051	12 806	3 405
Central heating system	12 773	2 620	3 122	1 393	1 194	2 037	1 182	854	313	58	11 157	12 966	2 276
Air conditioning	4 825	524	930	569	525	926	575	478	250	48	14 355	16 294	497
Control system	277	50	48	32	32	54	12	27	16	6	13 164	15 724	39
Vehicles available	12 986	1 193	2 816	1 692	1 460	2 743	1 513	1 102	379	88	13 856	15 282	1 398
1	9 369	1 081	2 471	1 433	1 103	1 878	867	410	101	25	11 976	13 039	1 129
2 or more	3 617	112	345	259	357	865	646	692	278	63	18 991	21 092	269
House heating fuel	17 968	3 705	4 443	1 989	1 704	2 937	1 580	1 138	384	88	11 051	12 806	3 405
Utility gas	7 882	1 588	2 000	894	763	1 359	603	486	139	50	10 987	12 608	1 588
Bottled, tank, or LP gas	294	61	90	47	29	30	25	12	—	—	9 796	10 808	87
Electricity	1 684	429	298	218	114	246	167	149	60	3	11 319	13 329	378
Fuel oil, kerosene, etc.	7 998	1 615	2 032	808	790	1 281	773	479	185	35	11 089	12 949	1 340
Other	110	12	23	22	8	21	12	12	—	—	12 273	13 862	12
Median rooms	4.1	3.4	3.9	4.1	4.3	4.4	4.6	4.8	5.1	5.3	—	—	3.9
Specified renter-occupied housing units	17 957	3 734	4 436	1 987	1 704	2 933	1 575	1 128	372	88	11 017	12 761	3 427
CONTRACT RENT													
Less than \$100	2 209	1 361	432	86	86	134	25	66	19	—	4 427	6 691	979
\$100 to \$149	3 409	776	1 092	377	278	467	267	127	19	6	9 179	10 943	738
\$150 to \$199	4 250	639	1 247	453	403	753	416	264	60	15	11 319	12 938	622
\$200 to \$249	3 924	552	957	610	401	750	363	203	66	22	11 857	13 270	590
\$250 to \$299	2 340	210	452	298	357	484	296	167	64	12	13 971	15 227	248
\$300 to \$349	1 131	74	136	85	129	244	166	180	99	18	17 491	19 340	111
\$350 to \$399	167	—	32	28	14	36	20	17	20	—	15 660	18 649	14
\$400 to \$449	80	—	7	6	15	6	—	33	13	—	26 364	25 010	7
\$500 or more	33	—	7	—	—	2	12	9	3	—	24 063	22 822	12
No cash rent	414	122	74	44	21	57	10	62	9	15	10 625	16 025	106
Median	\$185	\$129	\$170	\$204	\$208	\$205	\$209	\$214	\$272	\$218	—	—	\$147
GROSS RENT													
Less than \$100	1 472	1 119	243	26	28	36	—	20	—	—	3 966	4 793	765
\$100 to \$149	1 271	413	514	109	92	66	41	31	5	—	6 483	8 133	377
\$150 to \$199	2 733	682	933	296	215	312	169	94	26	6	8 854	10 478	549
\$200 to \$249	4 364	677	1 265	598	398	817	316	245	34	14	11 003	12 304	611
\$250 to \$299	3 589	366	764	425	466	787	489	212	71	9	13 785	14 380	474
\$300 to \$349	2 520	249	480	293	297	553	291	238	90	29	14 503	16 171	333
\$350 to \$399	974	69	102	117	102	215	175	95	94	5	16 837	18 587	112
\$400 to \$449	481	37	49	68	85	70	53	88	21	10	15 060	18 607	88
\$500 or more	139	—	12	11	—	20	31	43	22	—	24 511	24 275	12
No cash rent	414	122	74	44	21	57	10	62	9	15	10 625	16 025	106
Median	\$239	\$169	\$217	\$246	\$262	\$264	\$275	\$286	\$325	\$313	—	—	\$197
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	2 955	60	125	89	156	562	698	842	350	73	23 465	25 005	64
15 to 19 percent	2 877	174	225	224	354	1 117	620	150	13	—	16 803	16 417	150
20 to 24 percent	2 889	426	472	452	455	853	186	45	—	—	13 019	12 521	308
25 to 29 percent	2 135	251	688	449	422	241	61	23	—	—	10 715	10 796	222
30 to 34 percent	1 434	105	720	360	189	54	—	6	—	—	9 426	9 461	149
35 to 49 percent	2 354	405	1 451	342	107	49	—	—	—	—	7 440	7 690	485
50 percent or more	2 709	2 001	681	27	—	—	—	—	—	—	3 862	3 885	1 753
Not computed	604	312	74	44	21	57	10	62	9	15	4 667	10 942	296
Median	24.9	50+	34.7	27.3	23.6	18.9	15.7	12.4	10.3	10—	—	—	50+

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Manchester city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	7 992	165	425	881	994	1 142	2 159	1 362	621	243	415
PERSONS IN UNIT											
1 person	426	51	59	47	68	37	122	27	6	9	341
2 persons	1 810	77	144	264	249	174	484	299	82	37	399
3 persons	1 708	19	97	209	197	268	444	296	147	31	411
4 persons	2 154	7	47	183	269	364	558	399	258	69	434
5 persons	1 047	5	55	90	97	231	294	194	46	35	412
6 persons	566	6	17	43	77	40	206	85	56	36	448
7 persons	196	—	6	38	31	22	45	33	7	14	408
8 or more persons	85	—	—	7	6	6	29	19	12	560	—
Median	3.52	1.91	2.60	3.12	3.41	3.75	3.55	3.65	3.79	4.14	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	6 871	99	320	766	826	966	1 860	1 244	569	221	422
15 to 24 years	142	—	—	5	11	—	77	30	19	—	478
25 to 34 years	1 791	7	11	46	124	321	661	447	133	41	460
35 to 44 years	2 015	12	60	209	211	338	510	388	203	84	429
45 to 64 years	2 659	61	198	433	450	278	567	373	214	85	384
65 years and over	264	19	51	73	30	29	45	6	11	292	—
Male householder, no wife present	417	24	35	42	50	61	130	33	28	14	397
15 to 24 years	29	8	—	6	8	7	—	—	—	—	353
25 to 34 years	104	—	9	4	6	20	28	20	6	11	428
35 to 44 years	61	—	—	—	—	11	31	—	16	3	470
45 to 64 years	183	9	19	32	31	22	51	13	6	—	351
65 years and over	40	7	7	6	7	—	13	—	—	—	300
Female householder, no husband present	704	42	70	73	118	115	169	85	24	8	371
15 to 24 years	27	—	—	7	—	—	9	11	—	—	436
25 to 34 years	140	—	—	25	38	40	24	13	—	—	415
35 to 44 years	142	—	9	10	16	34	55	18	—	—	403
45 to 64 years	311	28	55	24	70	37	54	24	11	8	335
65 years and over	84	14	6	39	—	6	11	8	—	—	278
Median age	42.9	58.0	55.8	52.1	49.5	39.3	38.9	38.1	41.9	43.2	—
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	1 001	8	37	18	11	77	201	371	179	99	540
1975 to 1978	2 409	13	15	75	183	403	887	560	199	74	457
1970 to 1974	1 277	11	16	127	150	217	469	170	89	28	419
1960 to 1969	2 188	66	202	419	473	315	429	168	110	6	343
1959 or earlier	1 117	67	155	242	177	130	173	93	44	36	327
ROOMS											
1 to 3 rooms	53	6	12	6	—	—	5	13	11	—	425
4 rooms	656	33	74	113	107	80	159	58	32	—	351
5 rooms	1 896	97	103	239	279	268	535	287	70	18	393
6 rooms	2 499	23	136	341	313	418	719	382	150	17	402
7 rooms	1 564	6	70	125	216	244	465	297	92	49	423
8 or more rooms	1 324	—	30	57	79	132	276	325	266	159	527
Median	6.1	4.9	5.7	5.7	5.9	6.0	6.0	6.3	7.0	8.4	—
YEAR STRUCTURE BUILT											
1975 to March 1980	723	7	—	9	24	75	197	258	126	27	519
1970 to 1974	559	—	—	20	52	70	243	103	51	20	453
1960 to 1969	1 761	22	77	248	271	251	433	269	130	60	402
1950 to 1959	1 760	58	107	278	233	225	460	266	85	48	395
1940 to 1949	959	30	71	91	149	180	222	135	65	16	388
1939 or earlier	2 230	48	170	235	265	341	604	331	164	72	408
VALUE											
Less than \$10,000	15	—	15	—	—	—	—	—	—	—	225
\$10,000 to \$19,999	121	14	32	38	5	18	7	7	—	—	269
\$20,000 to \$29,999	398	41	109	72	55	45	57	19	—	—	284
\$30,000 to \$39,999	1 300	47	112	230	278	252	261	115	5	—	347
\$40,000 to \$49,999	2 875	57	118	302	395	509	942	452	94	6	405
\$50,000 to \$59,999	1 643	6	28	189	200	195	518	339	149	19	439
\$60,000 to \$79,999	1 170	—	5	50	61	123	303	313	230	85	514
\$80,000 to \$99,999	287	—	6	—	—	—	59	89	80	53	588
\$100,000 to \$149,999	167	—	—	—	—	—	12	20	59	76	731
\$150,000 or more	16	—	—	—	—	—	8	4	4	4	600
Median	\$47 600	\$35 800	\$34 600	\$43 100	\$44 600	\$44 700	\$48 200	\$53 000	\$63 300	\$82 900	—
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	1 871	82	206	400	378	245	281	155	80	44	333
15 to 19 percent	1 784	17	86	226	302	316	496	191	99	51	391
20 to 24 percent	1 484	13	43	88	142	223	462	401	82	30	440
25 to 29 percent	1 093	16	52	42	60	146	389	226	145	17	462
30 to 34 percent	624	7	18	22	14	76	212	177	69	29	485
35 percent or more	1 130	30	20	103	92	136	319	212	146	72	452
Not computed	6	—	—	—	6	—	—	—	—	—	325
Median	21.1	15.1	15.4	15.9	16.9	20.2	23.3	24.2	26.7	24.4	—
SELECTED CHARACTERISTICS											
Heating equipment	7 992	165	425	881	994	1 142	2 159	1 362	621	243	415
Steam or hot water system	4 607	66	257	508	557	708	1 245	717	365	184	413
Central warm-air furnace or electric heat pump	1 825	68	130	252	291	243	430	270	117	24	385
Other built-in electric units	885	7	8	48	59	96	285	225	122	35	481
Floor, wall, or pipeless furnace	63	7	6	14	6	6	17	—	—	—	341
Other means	612	17	23	67	73	89	193	133	17	—	417
Air conditioning	3 368	61	175	310	418	537	950	517	323	77	417
Central system	180	9	6	—	14	9	63	48	21	10	484
1 or more individual room units	3 188	52	169	310	404	528	887	469	302	67	413
House heating fuel	7 992	165	425	881	994	1 142	2 159	1 362	621	243	415
Utility gas	798	38	49	84	134	99	156	149	77	12	397
Bottled, tank, or LP gas	54	6	5	6	7	6	6	18	—	—	375
Electricity	962	7	8	68	59	111	308	238	128	35	477
Fuel oil, kerosene, etc.	5 724	103	349	670	750	860	1 528	869	399	196	407
Other	454	11	14	53	44	66	161	88	17	—	421

Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Manchester city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	4 529	-	19	38	186	234	1 332	1 497	1 223	215
PERSONS IN UNIT										
1 person -----	999	-	19	21	85	101	384	197	192	186
2 persons -----	2 256	-	-	7	89	88	643	841	588	218
3 persons -----	752	-	-	5	12	33	182	257	263	228
4 persons -----	329	-	-	5	-	12	93	122	97	222
5 persons -----	144	-	-	-	-	-	23	61	60	240
6 persons -----	43	-	-	-	-	-	7	13	23	250+
7 persons -----	6	-	-	-	-	-	-	6	-	225
8 or more persons -----	-	-	-	-	-	-	-	-	-	-
Median -----	2.06	-	1.00	1.40	1.59	1.68	1.94	2.16	2.21	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	2 873	-	-	10	82	115	797	1 056	813	220
15 to 24 years -----	6	-	-	-	-	-	-	-	6	250+
25 to 34 years -----	30	-	-	-	-	-	19	11	-	189
35 to 44 years -----	89	-	-	-	-	-	6	19	16	48
45 to 64 years -----	1 622	-	-	5	31	52	422	641	471	223
65 years and over -----	1 126	-	-	5	51	57	337	388	288	215
Male householder, no wife present -----	375	-	7	15	33	62	62	92	104	205
15 to 24 years -----	20	-	-	8	-	-	-	12	-	208
25 to 34 years -----	-	-	-	-	-	-	-	-	-	-
35 to 44 years -----	4	-	-	-	-	-	-	-	4	250+
45 to 64 years -----	145	-	-	-	-	13	27	19	40	217
65 years and over -----	206	-	7	7	20	35	43	40	54	190
Female householder, no husband present -----	1 281	-	12	13	71	57	473	349	306	202
15 to 24 years -----	-	-	-	-	-	-	-	-	-	-
25 to 34 years -----	14	-	-	-	-	-	-	14	-	175
35 to 44 years -----	31	-	-	-	-	-	-	6	7	18
45 to 64 years -----	440	-	-	-	14	26	167	144	89	205
65 years and over -----	796	-	12	13	57	31	286	198	199	200
Median age -----	64.3	-	81.0	75.7	69.4	66.1	65.0	63.3	63.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	72	-	-	8	-	-	14	20	30	235
1975 to 1978 -----	234	-	-	-	-	-	51	108	75	231
1970 to 1974 -----	242	-	-	-	8	12	76	70	76	218
1960 to 1969 -----	916	-	-	5	33	38	207	318	315	228
1959 or earlier -----	3 065	-	19	25	145	184	984	981	727	209
ROOMS										
1 to 3 rooms -----	90	-	7	-	38	11	17	4	13	125
4 rooms -----	544	-	-	13	31	51	222	161	66	190
5 rooms -----	1 275	-	-	20	77	56	400	476	246	209
6 rooms -----	1 345	-	5	-	14	60	469	506	291	212
7 rooms -----	727	-	7	5	6	31	182	221	275	230
8 or more rooms -----	548	-	-	-	20	25	42	129	332	250+
Median -----	5.8	-	6.0	4.8	4.8	5.5	5.6	5.7	6.5	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	58	-	-	-	-	-	13	25	20	232
1970 to 1974 -----	50	-	-	-	8	6	11	12	13	200
1960 to 1969 -----	461	-	-	-	14	7	103	139	198	238
1950 to 1959 -----	1 337	-	-	10	26	41	349	515	396	224
1940 to 1949 -----	739	-	-	-	24	32	247	270	166	212
1939 or earlier -----	1 884	-	19	28	114	148	609	536	430	202
VALUE										
Less than \$10,000 -----	30	-	7	-	7	11	5	-	-	127
\$10,000 to \$19,999 -----	263	-	-	20	40	16	86	71	30	182
\$20,000 to \$29,999 -----	608	-	5	7	29	45	248	187	87	194
\$30,000 to \$39,999 -----	964	-	7	6	56	93	391	310	101	191
\$40,000 to \$49,999 -----	1 143	-	-	-	15	35	377	470	246	215
\$50,000 to \$59,999 -----	861	-	-	-	39	12	161	312	337	235
\$60,000 to \$79,999 -----	525	-	-	-	-	22	57	142	304	250+
\$80,000 to \$99,999 -----	87	-	-	-	-	-	7	5	75	250+
\$100,000 to \$149,999 -----	27	-	-	5	-	-	-	-	22	250+
\$150,000 or more -----	21	-	-	-	-	-	-	-	21	250+
Median -----	\$43 100	-	\$23 800	\$19 600	\$32 700	\$36 400	\$38 200	\$43 000	\$53 300	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 032	-	-	18	44	52	320	329	269	212
10 to 14 percent -----	1 019	-	7	22	32	292	361	305	222	222
15 to 19 percent -----	665	-	7	32	41	177	273	135	214	214
20 to 24 percent -----	534	-	-	44	24	186	116	157	203	203
25 to 29 percent -----	237	-	-	6	25	84	94	28	202	202
30 to 34 percent -----	239	-	6	5	7	102	55	64	200	200
35 percent or more -----	760	-	7	33	48	152	262	258	227	227
Not computed -----	43	-	5	-	5	19	7	7	180	180
Median -----	16.4	-	27.0	15.7	19.2	18.7	16.3	16.0	16.3	...
SELECTED CHARACTERISTICS										
Heating equipment -----	4 521	-	19	30	186	234	1 332	1 497	1 223	215
Steam or hot water system -----	2 867	-	12	11	86	117	773	1 033	835	221
Central warm-air furnace or electric heat pump -----	1 285	-	-	19	75	68	445	354	324	205
Other built-in electric units -----	142	-	-	-	-	6	39	54	43	224
Floor, wall, or pipeless furnace -----	42	-	-	-	-	6	10	11	15	223
Other means -----	185	-	7	-	25	37	65	45	6	168
Air conditioning -----	1 635	-	-	-	55	42	463	550	525	223
Central system -----	60	-	-	-	13	-	7	18	22	228
1 or more individual room units -----	1 575	-	-	-	42	42	456	532	503	223
House heating fuel -----	4 521	-	19	30	186	234	1 332	1 497	1 223	215
Utility gas -----	475	-	5	-	13	45	170	154	88	201
Bottled, tank, or LP gas -----	28	-	-	-	-	11	5	12	-	180
Electricity -----	192	-	-	-	-	6	52	73	61	226
Fuel oil, kerosene, etc. -----	3 743	-	7	30	168	148	1 077	1 239	1 074	218
Other -----	83	-	7	-	5	24	28	19	-	160

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Manchester city	Owner-occupied housing units						Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	
		829	691	2 442	5 475	6 875		18 022	1 022	1 962	1 429	2 890	10 719
Occupied housing units	16 312						18 022						
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	12 398	723	586	2 011	4 317	4 761	6 437	402	631	448	1 180	3 776	
15 to 24 years	244	33	11	12	75	113	989	80	84	56	312	457	
25 to 34 years	2 276	346	203	296	598	833	2 097	110	196	139	461	1 191	
35 to 44 years	2 511	197	216	598	680	820	849	43	75	62	133	536	
45 to 64 years	5 503	141	118	913	2 205	2 126	1 489	124	124	103	161	977	
65 years and over	1 864	6	38	192	759	869	1 013	45	45	88	113	615	
Male householder, no wife present	1 105	44	46	139	330	546	3 884	309	473	262	523	2 317	
15 to 24 years	65	7	—	—	29	29	862	46	117	68	164	467	
25 to 34 years	185	18	20	19	43	85	1 105	110	160	91	175	569	
35 to 44 years	107	5	9	29	21	43	536	64	73	20	87	292	
45 to 64 years	416	8	11	65	176	156	842	83	45	39	83	592	
65 years and over	332	6	6	26	61	233	539	6	78	44	14	397	
Female householder, no husband present	2 809	62	59	292	828	1 568	7 701	311	858	719	1 187	4 626	
15 to 24 years	27	—	—	9	18	1 057	72	163	70	276	476		
25 to 34 years	218	27	15	45	45	86	1 611	78	219	97	337	880	
35 to 44 years	223	19	12	59	56	77	780	38	67	55	160	460	
45 to 64 years	1 047	16	26	109	394	502	1 653	60	143	115	198	1 137	
65 years and over	1 294	—	6	79	324	885	2 600	63	266	382	216	1 673	
Median age	52.9	34.6	39.1	48.1	55.6	56.2	40.5	35.6	37.3	48.6	30.7	45.3	
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 308	313	99	175	320	401	6 433	712	733	455	1 194	3 339	
1975 to 1978	3 545	516	208	463	958	1 400	5 955	310	769	490	940	3 446	
1970 to 1974	1 969	—	384	371	490	724	2 511	—	460	334	346	1 371	
1960 to 1969	3 767	—	—	1 433	1 151	1 183	1 535	—	—	150	239	1 146	
1959 or earlier	5 723	—	—	—	2 556	3 167	1 588	—	—	—	171	1 417	
ROOMS													
1 room	7	—	—	—	—	7	625	25	96	22	86	396	
2 rooms	10	—	—	—	6	4	1 160	21	159	99	158	723	
3 rooms	241	8	5	29	67	132	3 840	350	491	442	499	2 058	
4 rooms	1 870	130	32	191	758	759	5 361	417	829	423	951	2 741	
5 rooms	4 567	278	227	731	1 711	1 620	4 562	185	308	336	784	2 949	
6 rooms	4 753	201	218	752	1 717	1 865	1 917	24	66	76	333	1 418	
7 or more rooms	4 864	212	209	739	1 216	2 488	557	—	13	31	79	434	
Median	5.8	5.5	5.9	5.9	5.6	6.0	4.1	3.8	3.8	3.9	4.2	4.3	
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	16 137	825	683	2 424	5 456	6 749	17 232	999	1 905	1 371	2 730	10 227	
0.50 or less	9 621	329	307	1 242	3 384	4 359	10 889	629	1 246	904	1 564	6 546	
0.51 to 1.00	6 215	476	353	1 145	1 991	2 250	5 973	340	624	433	1 101	3 475	
1.01 to 1.50	287	20	23	32	81	131	312	23	35	34	58	162	
1.51 or more	14	—	—	5	—	9	58	7	—	—	7	44	
Lacking complete plumbing for exclusive use	175	4	8	18	19	126	790	23	57	58	160	492	
0.50 or less	123	4	8	8	19	84	395	11	51	29	50	254	
0.51 to 1.00	52	—	—	10	—	42	356	6	6	20	101	223	
1.01 to 1.50	—	—	—	—	—	—	15	6	—	—	9	—	
1.51 or more	—	—	—	—	—	—	24	—	—	—	9	15	
PERSONS IN UNIT													
1 person	2 069	23	26	219	622	1 179	7 160	411	898	605	907	4 339	
2 persons	5 342	234	160	610	2 095	2 243	5 456	363	658	455	888	3 092	
3 persons	3 110	232	145	503	1 087	1 143	2 534	114	192	176	539	1 513	
4 persons	3 219	229	202	578	933	1 277	1 607	85	146	110	285	981	
5 persons	1 486	74	99	349	443	521	821	30	48	35	179	529	
6 or more persons	1 086	37	59	183	295	512	444	19	20	48	92	265	
Median	2.74	3.18	3.57	3.28	2.52	2.51	1.84	1.78	1.63	1.74	2.11	1.83	
Total persons	49 701	2 741	2 486	8 106	15 932	20 436	38 861	1 978	3 718	2 882	6 835	23 448	
UNITS IN STRUCTURE													
1, detached or attached	13 137	805	628	2 329	5 051	4 324	1 108	14	107	200	346	441	
2	2 035	19	46	77	329	1 564	3 478	104	135	262	731	2 246	
3 and 4	925	5	8	13	52	847	4 765	67	127	157	619	3 795	
5 to 9	157	—	—	—	34	123	4 056	58	184	219	770	2 825	
10 to 49	10	—	—	—	5	5	3 847	720	1 118	501	380	1 128	
50 or more	16	—	—	—	4	12	714	26	285	90	44	269	
Mobile home or trailer, etc.	32	—	9	23	—	—	54	33	6	—	—	15	
SELECTED CHARACTERISTICS													
Heating equipment	16 304	829	691	2 442	5 475	6 867	17 968	1 022	1 962	1 429	2 875	10 680	
Steam or hot water system	9 872	265	163	1 673	3 430	4 341	8 865	569	797	739	1 509	5 251	
Central warm-air furnace or electric heat pump	3 997	63	70	350	1 693	1 821	2 341	178	475	280	495	913	
Other built-in electric units	1 135	443	321	257	65	49	1 292	214	595	241	98	144	
Floor, wall, or pipeless furnace	146	—	8	13	53	72	275	12	62	36	39	126	
Other means	1 154	58	129	149	234	584	5 195	49	33	133	734	4 246	
Air conditioning	6 550	234	347	1 257	2 352	2 360	4 825	805	1 201	474	509	1 836	
Central system	300	—	3	89	150	58	277	55	134	38	19	31	
1 or more individual room units	6 250	234	344	1 168	2 202	2 302	4 548	750	1 067	436	490	1 805	
House heating fuel	16 304	829	691	2 442	5 475	6 867	17 968	1 022	1 962	1 429	2 875	10 680	
Utility gas	2 191	30	28	195	504	1 434	7 882	463	799	479	962	5 179	
Bottled, tank, or LP gas	128	—	12	24	41	51	294	18	21	37	56	162	
Electricity	1 298	477	345	298	82	96	1 684	268	778	290	132	216	
Fuel oil, kerosene, etc.	12 109	264	186	1 816	4 701	5 142	7 998	261	364	623	1 682	5 068	
Other	578	58	120	109	147	144	110	12	—	—	43	55	
Income in 1979 below poverty level	627	24	35	69	163	336	3 434	130	294	298	572	2 140	
Percent below poverty level	3.8	2.9	5.1	2.8	3.0	4.9	19.1	12.7	15.0	20.9	19.8	20.0	
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	951	12	24	75	239	601	3 739	133	364	374	518	2 350	
\$5,000 to \$9,999	1 854	35	38	208	643	930	4 449	195	382	235	717	2 920	
\$10,000 to \$12,499	956	17	23	134	326	456	1 995	111	204	184	405	1 091	
\$12,500 to \$14,999	840	33	8	67	300	432	1 704	97	219	127	307	954	
\$15,000 to \$19,999	2 555	107	111	271	954	1 112	2 945	151	380	245	427	1 742	
\$20,000 to \$24,999	2 865	210	114	526	927	1 088	1 580	102	213	97	307	861	
\$25,000 to \$34,999	3 802	296	261	678	1 228	1 339	1 138	150	131	112	159	586	
\$35,000 to \$49,999	1 653	97	67	324	543	622	384	61	66	43	39	175	
\$50,000 or more	836	22	45	159	315	295	88	22	3	12	11	40	
Median	\$21 460	\$25 016	\$25 747	\$24 265	\$21 444	\$19 639	\$11 031	\$14 356	\$12 854	\$11 433	\$11 296	\$10 205	
Mean	\$23 608	\$26 557	\$27 528	\$26 190	\$23 784	\$21 800	\$12 787	\$17 289	\$13 875	\$13 566	\$12 461	\$12 142	

Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

Manchester city	Owner-occupied housing units				Renter-occupied housing units								Mobile home or trailer, etc.
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.	
		13 312	13 137	3 143		18 022	1 108	3 478	4 765	4 056	3 847	714	54
Occupied housing units													
Condominium housing units	35	13	22	—	57	13	—	—	16	28	—	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	12 398	10 216	2 163	19	6 437	587	1 600	1 965	1 142	1 050	93	—	—
15 to 24 years	244	154	90	—	989	58	195	272	255	203	6	—	—
25 to 34 years	2 276	1 853	415	8	2 097	180	539	723	332	319	4	—	—
35 to 44 years	2 511	2 181	330	—	849	72	240	243	188	98	8	—	—
45 to 64 years	5 503	4 553	939	11	1 489	195	376	478	175	253	12	—	—
65 years and over	1 864	1 475	389	—	1 013	82	250	249	192	177	63	—	—
Male householder, no wife present	1 105	819	280	6	3 884	173	453	880	987	1 174	175	42	—
15 to 24 years	65	49	16	—	862	36	67	259	200	264	27	9	—
25 to 34 years	185	104	81	—	1 105	60	130	240	326	326	6	17	—
35 to 44 years	107	65	42	—	536	12	112	58	167	161	19	7	—
45 to 64 years	416	346	64	6	842	55	96	186	165	271	60	9	—
65 years and over	332	255	77	—	539	10	48	137	129	152	63	—	—
Female householder, no husband present	2 809	2 102	700	7	7 701	348	1 425	1 920	1 927	1 623	446	12	—
15 to 24 years	27	27	—	—	1 057	28	118	277	307	316	11	—	—
25 to 34 years	218	161	57	—	1 611	57	270	518	446	297	17	6	—
35 to 44 years	223	178	45	—	780	75	166	188	184	161	6	—	—
45 to 64 years	1 047	794	253	—	1 653	98	304	400	444	356	45	6	—
65 years and over	1 294	942	345	7	2 600	90	567	537	546	493	367	—	—
Median age	52.9	52.5	55.4	52.5	40.5	43.6	42.7	36.6	37.7	39.7	72.6	32.2	—
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 308	1 101	207	—	6 433	306	1 039	1 637	1 442	1 818	155	36	—
1975 to 1978	3 545	2 762	761	22	5 955	349	1 098	1 555	1 378	1 308	249	18	—
1970 to 1974	1 969	1 600	359	10	2 511	175	456	615	573	414	278	—	—
1960 to 1969	3 767	3 255	512	—	1 535	132	414	461	321	180	27	—	—
1959 or earlier	5 723	4 419	1 304	—	1 588	146	471	497	342	127	5	—	—
ROOMS													
1 room	7	7	—	—	625	19	15	41	72	293	185	—	—
2 rooms	10	—	10	—	1 160	8	30	191	341	334	256	—	—
3 rooms	241	136	105	—	3 840	80	300	911	1 156	1 217	159	17	—
4 rooms	1 870	1 285	565	20	5 361	194	1 259	1 077	1 264	1 453	77	37	—
5 rooms	4 567	3 322	1 233	12	4 562	327	1 271	1 548	924	460	32	—	—
6 rooms	4 753	3 998	755	—	1 917	279	465	821	279	68	5	—	—
7 or more rooms	4 864	4 389	475	—	557	201	138	176	20	22	—	—	—
Median	5.8	6.0	5.2	4.3	4.1	5.3	4.6	4.6	3.9	3.6	2.2	3.8	—
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	16 137	13 117	2 988	32	17 232	1 099	3 344	4 617	3 917	3 584	617	54	—
0.50 or less	9 621	7 792	1 810	19	10 889	632	2 147	2 784	2 509	2 381	382	54	—
0.51 to 1.00	6 215	5 114	1 088	13	5 973	426	1 140	1 730	1 294	1 152	231	—	—
1.01 to 1.50	287	201	86	—	312	29	57	96	82	44	4	—	—
1.51 or more	14	10	4	—	58	12	—	7	32	7	—	—	—
Lacking complete plumbing for exclusive use	175	20	155	—	790	9	134	148	139	263	97	—	—
0.50 or less	123	8	115	—	395	9	88	78	82	84	54	—	—
0.51 to 1.00	52	12	40	—	356	—	40	70	57	146	43	—	—
1.01 to 1.50	—	—	—	—	15	—	6	—	—	9	—	—	—
1.51 or more	—	—	—	—	24	—	—	—	—	24	—	—	—
BEDROOMS													
None	7	7	—	—	723	19	15	48	115	322	204	—	—
1	959	592	367	—	6 191	106	730	1 458	1 712	1 724	428	33	—
2	4 703	3 313	1 363	27	7 003	428	1 836	1 711	1 380	1 560	67	21	—
3	7 393	6 279	1 109	5	3 514	373	793	1 367	763	203	15	—	—
4	2 680	2 412	268	—	494	135	74	163	84	227	38	—	—
5 or more	570	534	36	—	97	47	30	18	2	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	951	710	234	7	3 739	128	486	921	944	814	446	—	—
\$5,000 to \$9,999	1 854	1 404	450	—	4 449	183	737	1 173	1 130	1 030	166	30	—
\$10,000 to \$12,499	956	718	232	6	1 995	149	367	537	528	374	31	9	—
\$12,500 to \$14,999	840	629	203	8	1 704	89	357	526	360	365	7	—	—
\$15,000 to \$19,999	2 555	1 990	560	5	2 945	195	738	791	615	582	17	7	—
\$20,000 to \$24,999	2 865	2 299	560	6	1 580	136	367	474	272	316	7	8	—
\$25,000 to \$34,999	3 802	3 225	577	—	1 138	151	312	256	155	227	37	—	—
\$35,000 to \$49,999	1 653	1 391	262	—	384	52	97	63	52	117	3	—	—
\$50,000 or more	836	771	65	—	88	25	17	24	22	—	—	—	—
Median	\$21 460	\$22 077	\$19 155	\$13 438	\$11 031	\$15 097	\$13 543	\$11 343	\$9 791	\$10 531	\$4 400	\$9 643	—
Mean	\$23 608	\$24 477	\$20 090	\$12 181	\$12 787	\$18 198	\$14 650	\$12 633	\$11 034	\$12 747	\$6 560	\$12 191	—
SELECTED CHARACTERISTICS													
Heating equipment	16 304	13 129	3 143	32	17 968	1 108	3 472	4 739	4 047	3 834	714	54	—
Steam or hot water system	9 872	7 875	1 997	—	8 865	507	1 809	1 555	1 909	2 676	403	6	—
Central warm-air furnace or electric heat pump	3 997	3 266	699	32	2 341	370	541	498	320	431	142	39	—
Other built-in electric units	1 135	1 069	66	—	1 292	54	289	172	224	423	130	—	—
Floor, wall, or pipeless furnace	146	112	34	—	275	14	55	58	41	59	39	9	—
Other means	1 154	807	347	—	5 195	163	778	2 456	1 553	245	—	—	—
Air conditioning	6 550	5 270	1 267	13	4 825	286	849	852	660	2 005	167	6	—
Central system	300	267	33	—	277	13	32	—	24	124	84	—	—
Vehicles available	15 395	12 507	2 863	25	12 986	936	2 829	3 485	2 748	2 763	177	48	—
1	6 751	5 140	1 586	25	9 369	494	1 906	2 626	2 147	1 991	166	39	—
2 or more	8 644	7 367	1 277	—	3 617	442	923	859	601	772	11	9	—
House heating fuel	16 304	13 129	3 143	32	17 968	1 108	3 472	4 739	4 047	3 834	714	54	—
Utility gas	2 191	1 335	856	—	7 882	315	986	2 897	1 948	1 643	87	6	—
Bottled, tank, or LP gas	128	88	32	8	294	7	65	105	52	59	—	6	—
Electricity	1 298	1 219	79	—	1 684	86	347	222	266	523	240	—	—
Fuel oil, kerosene, etc.	12 109	9 946	2 139	24	7 998	637	2 056	1 507	1 772	1 603	381	42	—
Other	578	541	37	—	110	63	18	8	9	6	6	—	—
Water heating fuel	16 297	13 122	3 143	32	17 971	1 099	3 473	4 739	4 047	3 840	708	54	—
Utility gas	3 923	2 312	1 611	—	9 368	376	1 501	3 305	2 187	1 917	76	6	—
Bottled, tank, or LP gas	372	262	110	—	552	27	82	202	147	80	—	14	—
Electricity	4 100	3 700	368	32	2 630	304	601	391	442	563	295	34	—
Fuel oil, kerosene, etc.	7 880	6 826	1 054	—	5 391	386	1 289	855	1 268	1 262	331	—	—
Other	22	22	—	—	30	6	—	—	—	18	6	—	—
Family householder	14 005	11 469	2 517	19	9 376	802	2 250	2 784	1 906	1 507	121	6	—
With own children under 18 years	6 646	5 519	1 114	13	5 125	462	1 116	1 627	1 148	748	18	6	—
With own children under 6 years	2 290	1 870	417	3	2 789	207	555	935	638				

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8)

Manchester city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	16 312	2 069	5 342	3 110	3 219	1 486	723	258	105	2.74	49 701
Nonrelatives present	473	—	198	92	113	22	37	—	11	2.92	1 571
ROOMS											
1 to 3 rooms	258	117	117	10	9	5	—	—	—	1.60	468
4 rooms	1 870	489	841	313	142	58	27	—	—	2.03	4 387
5 rooms	4 567	621	1 913	953	732	283	45	20	—	2.37	12 368
6 rooms	4 753	435	1 482	938	1 096	484	209	85	24	2.99	15 170
7 rooms	2 606	240	553	502	706	339	180	80	6	3.51	8 830
8 or more rooms	2 258	167	436	394	534	317	262	73	75	3.75	8 478
Median	5.8	5.2	5.4	5.8	6.2	6.3	6.9	6.8	8.3	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	16 137	2 045	5 265	3 082	3 192	1 467	723	258	105	2.75	49 191
1.00 or less	15 836	2 045	5 265	3 082	3 183	1 404	651	153	53	2.70	47 208
1.01 to 1.50	287	—	—	—	5	58	72	105	47	6.58	1 908
1.51 or more	14	—	—	—	4	5	—	—	5	5.10	75
Lacking complete plumbing for exclusive use	175	24	77	28	27	19	—	—	—	2.32	510
1.00 or less	175	24	77	28	27	19	—	—	—	2.32	510
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	13 137	1 501	4 251	2 595	2 586	1 259	629	225	91	2.81	39 352
2 or more	3 143	561	1 079	512	623	227	94	33	14	2.44	10 245
Mobile home or trailer, etc.	32	7	12	3	10	—	—	—	—	2.25	104
VALUE											
Specified owner-occupied housing units	12 521	1 425	4 066	2 460	2 483	1 191	609	202	85	2.81	37 072
Less than \$10,000	45	14	15	5	5	6	—	—	—	2.07	109
\$10,000 to \$19,999	384	78	184	55	38	17	12	—	—	2.12	906
\$20,000 to \$29,999	1 006	250	430	145	87	47	15	32	—	2.09	2 425
\$30,000 to \$39,999	2 264	394	757	415	354	191	100	40	13	2.47	6 298
\$40,000 to \$49,999	4 018	341	1 296	795	860	439	191	64	32	2.97	12 174
\$50,000 to \$59,999	2 504	238	757	589	541	213	118	30	18	2.94	7 444
\$60,000 to \$79,999	1 695	76	520	322	452	184	119	22	—	3.28	5 566
\$80,000 to \$99,999	374	26	84	73	82	74	16	7	12	3.55	1 320
\$100,000 to \$149,999	194	—	23	47	56	13	38	7	10	3.98	730
\$150,000 or more	37	8	—	14	8	7	—	—	—	3.25	100
Median	\$46 400	\$39 400	\$44 500	\$47 900	\$48 900	\$48 000	\$49 300	\$43 500	\$49 000	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	16 312	2 069	5 342	3 110	3 219	1 486	723	258	105	2.74	49 701
Median income	\$21 460	\$7 640	\$18 368	\$23 236	\$25 627	\$27 382	\$31 919	\$30 385	\$41 500	...	...
Median selected monthly owner costs as percentage of household income	19.7	33.4	19.4	18.5	19.8	17.9	16.3	16.7	16.2	...	...
With a mortgage	21.1	33.8	22.3	22.0	21.3	18.9	16.8	17.0	16.2	...	...
Not mortgaged	16.4	33.1	17.0	11.1	10—	10—	10—	10—	—	...	...
Income in 1979 below poverty level	627	266	144	60	99	40	5	—	13	1.83	...
Median income	\$2 864	\$2500—	\$3 110	\$3 397	\$5 366	\$7 500	\$2500—	—	\$7 969	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	50+	50+	50+	37.5	50+	—	—	—	—	...	...
Renter-occupied housing units	18 022	7 160	5 456	2 534	1 607	821	286	107	51	1.84	38 861
Nonrelatives present	1 885	—	1 284	305	152	87	33	18	6	2.23	4 958
ROOMS											
1 room	625	576	35	7	7	—	—	—	—	1.04	688
2 rooms	1 160	958	194	8	—	—	—	—	—	1.11	1 226
3 rooms	3 840	2 594	1 066	151	14	—	6	—	9	1.24	5 268
4 rooms	5 361	1 858	2 127	848	424	94	10	—	—	1.89	10 825
5 rooms	4 562	868	1 379	1 034	721	394	94	54	18	2.53	12 606
6 rooms	1 917	249	565	367	355	221	107	35	18	2.89	5 953
7 or more rooms	557	57	90	119	86	112	69	18	6	3.65	2 215
Median	4.1	3.3	4.2	4.7	5.0	5.3	5.8	5.5	5.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	17 232	6 745	5 230	2 496	1 547	794	280	98	42	1.86	37 413
1.00 or less	16 862	6 745	5 210	2 481	1 526	700	176	18	6	1.82	35 301
1.01 to 1.50	312	—	—	8	14	94	98	80	18	5.91	1 879
1.51 or more	58	—	20	7	7	—	6	—	18	3.79	233
Lacking complete plumbing for exclusive use	790	415	226	38	60	27	6	9	9	1.45	1 448
1.00 or less	751	415	211	38	60	27	—	—	—	1.40	1 284
1.01 to 1.50	15	—	—	—	—	—	6	9	—	6.67	88
1.51 or more	24	—	15	—	—	—	—	—	9	2.30	76
UNITS IN STRUCTURE											
1, detached or attached	1 108	217	315	227	163	122	39	20	5	2.60	3 351
2	3 478	1 070	1 201	579	389	157	53	23	6	2.06	7 900
3 and 4	4 765	1 505	1 477	877	518	281	76	25	6	2.09	11 279
5 to 9	4 056	1 787	1 175	440	325	205	73	26	25	1.71	8 383
10 to 49	3 847	1 958	1 172	396	202	56	41	13	9	1.48	6 986
50 or more	714	582	103	15	10	—	4	—	—	1.11	895
Mobile home or trailer, etc.	54	41	13	—	—	—	—	—	—	1.16	67
GROSS RENT											
Specified renter-occupied housing units	17 957	7 156	5 444	2 513	1 592	808	286	107	51	1.83	38 571
Less than \$100	1 472	1 243	156	44	21	8	—	—	—	1.09	1 789
\$100 to \$149	1 271	721	266	66	91	46	24	48	9	1.38	2 477
\$150 to \$199	2 733	1 445	749	346	102	66	20	5	—	1.45	4 799
\$200 to \$249	4 364	1 700	1 460	617	379	144	52	7	5	1.83	9 218
\$250 to \$299	3 589	1 049	1 377	619	318	175	47	4	—	2.04	8 185
\$300 to \$349	2 520	647	902	405	357	159	26	12	12	2.18	6 005
\$350 to \$399	974	115	288	245	190	71	55	5	5	2.84	2 796
\$400 to \$449	481	84	85	102	106	44	36	16	8	3.20	1 504
\$500 or more	139	17	30	23	6	41	—	10	12	3.48	547
No cash rent	414	135	131	46	22	54	26	—	—	2.05	1 251
Median	\$239	\$203	\$251	\$261	\$278	\$280	\$292	\$202	\$348	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	18 022	7 160	5 456	2 534	1 607	821	286	107	51	1.84	38 861
Median income	\$11 031	\$6 890	\$13 506	\$15 491	\$15 695	\$14 741	\$15 776	\$17 750	\$19 250	...	...
Median gross rent as percentage of household income	24.9	29.4	22.5	22.1	20.8	23.9	25.3	18.4	18.8	...	...
Income in 1979 below poverty level	3 434	1 720	646	465	273	174	93	50	13	1.50	...
Median income	\$3 589	\$2 987	\$3 824	\$3 850	\$5 384	\$6 681	\$7 292	\$10 000	\$10 469	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	42.9	34.1	22.0	45.0	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

Manchester city	Married-couple families	Male householder, no wife present										Female householder, no husband present					
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Total	16 312	244	2 276	2 511	5 503	1 864	66	185	107	416	332	27	218	223	1 047	1 294	
Owner-occupied housing units																	
PERSONS IN UNIT																	
1 person	2 069	1	434	155	2 025	1 512	77	84	46	213	231	9	55	22	527	855	
2 persons	5 342	101	568	271	1 413	320	13	59	27	131	87	11	32	91	322	330	
3 persons	3 110	13	922	929	1 112	26	—	37	10	38	14	7	92	60	101	53	
4 persons	3 219	18	266	595	539	6	—	5	14	23	—	—	12	36	68	39	
5 persons	1 486	12	—	—	—	—	—	—	10	5	—	—	4	20	17	17	
6 or more persons	1 086	—	86	561	414	—	—	—	—	—	—	—	10	9	—	—	
Median	2 74	2 69	3 65	4 39	3 01	2 12	1 72	1 64	1 78	1 48	1 22	1 91	2 74	2 48	1 49	1 26	
Total persons	49 701	737	8 340	11 174	18 397	4 024	1 9	366	247	770	428	39	573	635	1 917	1 935	
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use—																	
1 or more persons per room	16 137	244	2 262	2 495	5 460	1 816	65	181	107	411	319	27	213	217	1 038	1 282	
Locking complete plumbing for exclusive use—																	
1 or more persons per room	16 301	—	34	152	106	43	48	—	—	—	—	5	5	5	4	42.8	
Total	17 155	—	14	16	—	—	—	—	—	—	—	—	—	—	12	36.6	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified owner-occupied housing units	12 521	148	1 821	2 104	4 281	1 390	49	104	65	228	246	27	154	173	751	880	
With a mortgage—	7 992	142	1 791	2 015	4 264	1 639	29	104	61	183	40	12	140	142	311	84	
Less than 15 percent	68	—	497	119	36	7	—	23	—	21	—	—	14	13	53	6	
15 to 19 percent	7	337	588	678	36	30	—	15	5	39	7	—	7	7	45	15	
20 to 24 percent	23	508	472	313	30	20	30	—	8	33	6	—	12	23	30	12	
25 to 29 percent	48	413	245	202	30	12	5	12	7	19	—	40	16	32	36.8	38.1	
30 to 34 percent	624	187	89	163	26	12	7	24	20	51	27	20	76	61	87	51	
35 percent or more	130	38	278	124	160	106	7	7	24	—	—	—	5	5	—	49.8	
No computed	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	57.5	
Median	4 529	6	30	89	162	126	20	8	—	45.9	206	—	14	31.9	27.2	47.5	
Net mortgaged	21.1	24.8	19.3	16.5	30.0	14.3	19.8	27.8	26.7	50.0	45.9	40.7	44.0	79.6	79.6	64.3	
Less than 10 percent	1 032	—	7	17	46	42.6	239	5	—	58	37	—	6	13	65	59.1	
10 to 14 percent	665	—	6	5	224	202	—	—	4	31	33	—	9	—	70	61.6	
15 to 19 percent	534	—	—	—	139	212	—	—	18	48	—	—	13	67	67	64.4	
20 to 24 percent	237	—	—	—	29	81	7	—	—	—	—	—	—	—	59	66.2	
25 to 29 percent	239	6	—	—	41	66	—	—	6	13	—	—	—	—	11	68.8	
30 to 34 percent	760	—	—	—	78	181	—	—	7	70	—	—	—	—	91	70.5	
35 percent or more	43	—	—	—	11.5	19.5	12.0	—	—	17.5	14.1	—	5	—	7	70.7	
Not computed	32.5	12.4	10.7	11.5	19.5	12.0	—	—	—	23.2	—	15.6	14.0	—	7	80.7	
Median	16.4	—	—	—	—	—	—	—	—	—	—	—	—	—	32.2	—	
Renter-occupied housing units	18 022	919	2 097	849	1 489	1 013	842	1 105	536	842	539	1 057	1 611	780	1 633	2 600	
PERSONS IN UNIT																	
1 person	7 160	—	642	151	742	464	—	—	315	638	457	412	546	243	1 030	2 330	
2 persons	5 456	347	535	118	374	323	45	—	144	459	471	459	492	205	119	38.5	
3 persons	2 534	425	650	180	178	45	56	—	33	7	131	323	133	119	47	31.7	
4 persons	1 607	821	198	242	101	15	9	19	22	27	12	36	109	34	40	2	
5 persons	444	7	72	158	94	2.10	1.36	1.33	10	11	7	96	45	25	23	36.2	
6 or more persons	1 334	240	3.26	4.36	2.51	2.10	1.33	1.35	1.26	1.16	1.09	1.75	2.03	2.22	1.30	40.0	
Median	38 861	2 918	6 846	3 572	4 445	2 181	1 372	1 724	861	1 217	643	1 972	3 614	1 894	2 776	2 806	33.1
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use—																	
1 or more persons per room	17 232	912	2 030	829	1 428	976	803	1 063	511	800	482	1 031	1 569	745	1 578	2 455	
Locking complete plumbing for exclusive use—																	
1 or more persons per room	370	5	67	67	20	61	37	59	42	52	57	26	42	35	75	49.2	
Total persons	39	—	6	—	—	—	—	—	—	—	—	8	9	—	—	—	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified renter-occupied housing units	17 957	919	2 089	847	1 443	1 013	842	1 105	536	842	539	1 057	1 596	775	1 644	2 600	
Less than 15 percent	2 935	139	532	278	492	163	101	196	162	193	68	98	142	35	140	40.9	
15 to 19 percent	2 877	224	547	172	337	128	104	229	179	133	45	82	203	87	198	35.5	
20 to 24 percent	2 889	295	376	129	179	198	181	199	106	115	116	116	192	170	180	37.9	
25 to 29 percent	2 135	96	238	76	111	143	116	128	65	83	52	144	247	110	218	308	
30 to 34 percent	1 434	81	140	33	74	150	24	150	52	62	37	52	146	54	189	209	
35 to 49 percent	2 334	57	157	78	42	81	15	75	31	168	57	242	292	196	265	42.6	
50 percent or more	2 709	77	21	38	63	52	22	16	38	120	344	334	104	19	178	57.5	
Not computed	604	22.2	19.6	18.7	17.7	24.8	25.2	23.0	20.4	23.5	38.6	27.5	29.9	28.9	33.5	33.1	

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see Appendixes A and B.]

Manchester city	Male householder							Female householder						
	Total	Male householder						Total	Female householder					
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years
Owner-occupied housing units	2 069	601	27	84	46	213	231	1 468	9	55	22	527	855	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	2 045	588	27	84	46	213	218	1 457	9	55	22	523	848	
Lacking complete plumbing for exclusive use	24	13	—	—	—	—	13	11	—	—	—	4	7	
UNITS IN STRUCTURE														
1, detached or attached	1 501	445	15	43	24	171	192	1 056	9	50	18	373	606	
2 or more	561	156	12	41	22	42	39	405	—	5	4	154	242	
Mobile home or trailer, etc.	7	—	—	—	—	—	—	7	—	—	—	—	7	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	667	122	—	11	—	28	83	545	—	5	—	86	454	
\$5,000 to \$9,999	663	162	15	—	5	43	99	501	9	7	6	211	268	
\$10,000 to \$12,499	207	68	—	4	—	26	38	139	—	26	6	73	34	
\$12,500 to \$14,999	151	54	12	16	—	20	6	97	—	—	—	58	39	
\$15,000 to \$19,999	187	70	—	13	21	31	5	117	—	17	6	55	39	
\$20,000 to \$24,999	69	49	—	14	3	32	—	20	—	—	4	10	6	
\$25,000 to \$34,999	70	57	—	26	11	20	—	13	—	—	—	6	7	
\$35,000 to \$49,999	32	13	—	—	6	7	—	19	—	—	—	11	8	
\$50,000 or more	23	6	—	—	6	6	—	17	—	—	—	17	—	
Median	\$7 640	\$10 607	\$9 531	\$19 375	\$19 063	\$13 687	\$6 332	\$6 676	\$8 750	\$11 490	\$12 083	\$9 325	\$4 815	
Mean	\$10 173	\$13 456	\$10 177	\$18 365	\$21 917	\$17 210	\$6 907	\$8 829	\$8 345	\$12 125	\$12 700	\$11 985	\$6 577	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	1 425	423	15	43	24	158	183	1 002	9	43	18	357	575	
With a mortgage	426	210	7	43	24	96	40	216	9	29	12	121	45	
Less than \$200	51	16	—	—	—	9	7	35	—	—	—	21	14	
\$200 to \$249	59	29	—	9	—	13	7	30	—	—	—	24	6	
\$250 to \$299	47	27	—	—	—	21	6	20	—	—	—	—	20	
\$300 to \$349	68	25	—	—	—	18	7	43	—	11	—	32	—	
\$350 to \$399	37	10	—	10	—	—	—	27	—	6	21	—	—	
\$400 to \$449	122	68	7	5	15	28	13	54	9	11	6	23	5	
\$500 to \$599	27	20	—	13	—	7	—	7	—	7	—	—	—	
\$600 to \$749	6	6	—	—	6	—	—	—	—	—	—	—	—	
\$750 or more	9	9	—	6	3	—	—	—	—	—	—	—	—	
Median	\$341	\$390	\$425	\$425	\$481	\$314	\$300	\$327	\$425	\$466	\$400	\$324	\$256	
Not mortgaged	999	213	8	—	—	62	143	786	—	14	6	236	530	
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$50 to \$74	19	7	—	—	—	—	7	12	—	—	—	—	12	
\$75 to \$99	21	15	8	—	—	—	6	—	—	—	—	—	6	
\$100 to \$124	85	33	—	—	—	13	20	52	—	—	—	8	44	
\$125 to \$149	101	56	—	—	—	21	35	45	—	—	—	20	25	
\$150 to \$199	384	34	—	—	—	6	28	350	—	14	6	116	214	
\$200 to \$249	197	30	—	—	—	15	15	167	—	—	—	54	113	
\$250 or more	192	38	—	—	—	7	31	154	—	—	—	38	116	
Median	\$186	\$148	\$88	—	—	\$146	\$154	\$190	—	\$175	\$175	\$189	\$192	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979	33.4	26.9	10—	23.6	32.9	21.9	35.7	35.0	50+	32.2	27.5	27.0	45.1	
With a mortgage	33.8	30.3	50+	23.6	32.9	26.3	50.0	41.3	50+	34.3	40.0	30.4	50+	
Not mortgaged	33.1	23.2	10—	—	—	18.1	33.5	34.8	—	15.6	22.5	24.7	43.2	
Income in 1979 below poverty level	266	33	—	6	—	15	12	233	—	5	—	58	170	
Percent below poverty level	12.9	5.5	—	7.1	—	7.0	5.2	15.9	—	9.1	—	11.0	19.9	
Renter-occupied housing units	7 160	2 599	464	725	315	638	457	4 561	412	546	243	1 030	2 330	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	6 745	2 398	411	690	297	596	404	4 347	405	527	243	971	2 201	
Lacking complete plumbing for exclusive use	415	201	53	35	18	42	53	214	7	19	—	59	129	
UNITS IN STRUCTURE														
1, detached or attached	217	80	17	23	—	30	10	137	13	17	13	25	69	
2	1 070	231	27	81	30	59	34	839	31	77	59	179	493	
3 and 4	1 505	536	119	129	39	134	115	969	76	148	63	227	455	
5 to 9	1 787	688	96	248	130	118	96	1 099	127	160	32	293	487	
10 to 49	1 958	860	175	221	97	228	139	1 098	159	132	76	258	473	
50 or more	582	169	21	6	19	60	63	413	6	12	—	42	353	
Mobile home or trailer, etc.	41	35	9	17	—	9	—	6	—	—	6	—	—	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	2 709	582	55	46	36	174	271	2 127	91	64	28	322	1 622	
\$5,000 to \$9,999	2 243	811	199	202	67	212	131	1 432	219	156	118	410	529	
\$10,000 to \$12,499	807	395	116	145	53	68	13	412	83	124	24	106	75	
\$12,500 to \$14,999	475	223	42	123	31	27	—	252	6	107	34	62	43	
\$15,000 to \$19,999	545	310	45	153	67	39	6	235	13	88	32	80	22	
\$20,000 to \$24,999	182	134	7	56	22	44	5	48	—	—	—	37	11	
\$25,000 to \$34,999	111	70	—	—	18	21	31	41	—	7	7	13	14	
\$35,000 to \$49,999	75	61	—	—	15	46	—	14	—	—	—	—	14	
\$50,000 or more	13	13	—	—	6	7	—	—	—	—	—	—	—	
Median	\$6 890	\$9 481	\$9 433	\$11 974	\$12 621	\$8 389	\$4 554	\$5 485	\$7 719	\$11 069	\$9 137	\$7 377	\$4 155	
Mean	\$8 391	\$11 022	\$9 262	\$11 999	\$14 673	\$12 215	\$7 076	\$6 891	\$7 423	\$10 715	\$10 043	\$8 221	\$4 985	
GROSS RENT														
Specified renter-occupied housing units	7 156	2 599	464	725	315	638	457	4 557	412	546	243	1 026	2 330	
Less than \$100	1 243	270	24	13	—	104	129	973	13	13	5	82	860	
\$100 to \$149	721	270	46	32	25	96	71	451	38	19	5	127	262	
\$150 to \$199	1 445	530	84	145	79	130	92	915	94	112	57	249	403	
\$200 to \$249	1 700	715	173	217	106	144	75	985	136	153	68	300	328	
\$250 to \$299	1 049	473	81	206	64	70	52	576	58	153	40	118	207	
\$300 to \$349	647	216	33	72	23	64	24	431	41	96	55	99	140	
\$350 to \$399	115	51	13	19	7	12	—	64	16	—	—	17	31	
\$400 to \$449	84	33	6	8	11	8	—	51	10	—	13	14	14	
\$500 or more	17	5	—	5	—	—	—	12	6	—	6	—	—	
No cash rent	135	36	4	8	—	10	14	99	—	—	14	—	85	
Median	\$203	\$214	\$227	\$237	\$222	\$197	\$156	\$194	\$215	\$244	\$240	\$208	\$150	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979	29.4	25.0	27.4	24.2	21.3	24.3	29.4	32.3	37.1	27.5	31.2	31.5	34.8	
Income in 1979 below poverty level	1 720	370	43	46	36	128	117	1 350	71	43	28	213	995	
Percent below poverty level	24.0	14.2	9.3	6.3	11.4	20.1	25.6	29.6	17.2	7.9	11.5	20.7	42.7	

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Manchester city

Vacant for sale only housing units

ROOMS

1 to 3 rooms	—	—	—	—
4 rooms	6	—	6	—
5 rooms	32	—	26	—
6 rooms	36	17	19	—
7 rooms	8	—	—	8
8 or more rooms	17	4	13	—
Median	5.8	6.1	5.5	6.6

PLUMBING FACILITIES

Complete plumbing for exclusive use	91	21	56	14
Lacking complete plumbing for exclusive use	8	—	8	—

BEDROOMS

None	—	—	—	—
1	6	—	—	—
2	20	—	20	—
3	51	17	26	—
4	22	4	18	—
5 or more	—	—	—	—

YEAR STRUCTURE BUILT

1975 to March 1980	37	—	37	—
1970 to 1974	21	—	13	—
1960 to 1969	—	—	—	—
1950 to 1959	—	—	—	—
1940 to 1949	13	4	3	—
1939 or earlier	28	17	11	—

UNITS IN STRUCTURE

1, detached or attached	82	21	53	—
2 or more	17	—	11	—
Mobile home or trailer	—	—	—	—

HEATING EQUIPMENT

Central heating system	94	21	59	—
Other means	5	—	5	—
None	—	—	—	—

PRICE ASKED

Specified vacant for sale only housing units	72	21	43	—
Less than \$10,000	—	—	—	—
\$10,000 to \$19,999	10	10	—	—
\$20,000 to \$29,999	—	—	—	—
\$30,000 to \$39,999	16	—	8	—
\$40,000 to \$49,999	10	7	3	—
\$50,000 to \$59,999	—	—	—	—
\$60,000 to \$79,999	26	—	26	—
\$80,000 to \$99,999	7	4	3	—
\$100,000 or more	3	—	3	—
Median	—	—	—	—

Manchester city					Manchester city				
Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months	
Vacant for rent housing units	868	528	206	134	Vacant for rent housing units	868	528	206	134
ROOMS					ROOMS				
1 room	35	28	7	—	1 room	35	28	7	—
2 rooms	59	46	6	7	2 rooms	59	46	6	7
3 rooms	251	166	42	43	3 rooms	251	166	42	43
4 rooms	267	143	91	33	4 rooms	267	143	91	33
5 rooms	170	102	38	30	5 rooms	170	102	38	30
6 rooms	78	38	22	18	6 rooms	78	38	22	18
7 or more rooms	8	5	—	3	7 or more rooms	8	5	—	3
Median	3.8	3.7	4.0	4.0	Median	3.8	3.7	4.0	4.0
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	837	501	206	130	Complete plumbing for exclusive use	837	501	206	130
Lacking complete plumbing for exclusive use	31	27	—	4	Lacking complete plumbing for exclusive use	31	27	—	4
BEDROOMS					BEDROOMS				
None	42	28	14	—	None	42	28	14	—
1	321	194	64	63	1	321	194	64	63
2	387	237	97	53	2	387	237	97	53
3	107	69	23	15	3	107	69	23	15
4	11	—	8	3	4	11	—	8	3
5 or more	—	—	—	—	5 or more	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	84	56	28	—	1975 to March 1980	84	56	28	—
1970 to 1974	62	62	—	—	1970 to 1974	62	62	—	—
1960 to 1969	34	21	13	—	1960 to 1969	34	21	13	—
1950 to 1959	36	12	8	16	1950 to 1959	36	12	8	16
1940 to 1949	57	33	9	15	1940 to 1949	57	33	9	15
1939 or earlier	595	344	148	103	1939 or earlier	595	344	148	103
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	24	11	10	3	1, detached or attached	24	11	10	3
2	164	96	34	34	2	164	96	34	34
3 and 4	268	111	92	65	3 and 4	268	111	92	65
5 to 9	177	130	36	11	5 to 9	177	130	36	11
10 to 49	213	165	27	21	10 to 49	213	165	27	21
50 or more	22	15	7	—	50 or more	22	15	7	—
Mobile home or trailer	—	—	—	—	Mobile home or trailer	—	—	—	—
RENT ASKED					RENT ASKED				
Specified vacant for rent housing units	868	528	206	134	Specified vacant for rent housing units	868	528	206	134
Less than \$100	43	15	6	22	Less than \$100	43	15	6	22
\$100 to \$149	161	98	41	51	\$100 to \$149	161	98	41	51
\$150 to \$199	258	136	71	30	\$150 to \$199	258	136	71	30
\$200 to \$249	211	114	67	30	\$200 to \$249	211	114	67	30
\$250 to \$299	84	74	7	3	\$250 to \$299	84	74	7	3
\$300 to \$399	92	79	7	6	\$300 to \$399	92	79	7	6
\$400 or more	19	12	7	—	\$400 or more	19	12	7	—
Median	195	\$207	\$188	\$166	Median	195	\$207	\$188	\$166

Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Manchester city

PLUMBING FACILITIES

Complete plumbing for exclusive use	64	—	10	18	33	3	71 300	837	43	388	295	92	19	198
Lacking complete plumbing for exclusive use	8	—	—	8	—	—	37 500	31	—	31	—	—	—	141

BEDROOMS

None	—	—	—	—	—	—	—	42	6	29	7	—	—	129
1	—	—	—	—	—	—	—	321	19	190	87	25	—	187
2	14	—	—	3	11	—	76 800	387	11	157	141	67	11	210
3	51	—	10	23	15	3	39 800	107	7	40	52	—	8	208
4	7	—	—	—	7	—	85 000	11	—	3	8	—	—	233
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—

YEAR STRUCTURE BUILT

1975 to March 1980	37	—	—	11	26	—	72 500	84	—	—	25	52	7	327
1970 to 1974	11	—	—	8	3	—	38 400	62	—	3	25	22	12	307
1960 to 1969	—	—	—	—	—	—	—	34	—	15	7	12	—	207
1950 to 1959	—	—	—	—	—	—	—	36	4	17	15	—	—	174
1940 to 1949	7	—	—	—	4	3	88 800	57	6	20	31	—	—	203
1939 or earlier	17	—	10	7	—	—	17 100	595	33	364	192	6	—	185

UNITS IN STRUCTURE

1, detached or attached	72	—	10	26	33	3	60 000	24	—	14	10	—	—	153
2 or more	...	...	...	...	...	...	...	844	43	405	285	92	19	195
Mobile home or trailer	...	...	...	...	...	...	...	—	—	—	—	—	—	—

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

Housing units		
	100-percent count	Percent in sample
The SMSA -----	59 920	16.0
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's		
Manchester city -----	35 869	16.1

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Manchester city -----

Appendix A.—Area Classifications

REGIONS	A-1	New England States, New York, and Wisconsin.
STATES	A-1	
PLACES	A-1	
Incorporated Places	A-1	
Census Designated Places	A-1	
STANDARD METROPOLITAN STATISTICAL AREAS	A-1	
Definition	A-1	
SMSA Titles	A-1	
New SMSA Standards	A-2	
BOUNDARY CHANGES	A-2	
AREA MEASUREMENT	A-2	

REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL	B-1	Persons	B-6
LIVING QUARTERS	B-1	Rooms	B-6
Housing Units	B-1	Persons Per Room	B-6
Comparability With 1970 Census Housing Unit Data	B-2	Bedrooms	B-6
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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
									14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

	Stage II—Householder/ Nonhouseholder
<i>Group</i>	
1	Householder
2	Nonhouseholder (including persons in group quarters)
	Stage III—Age/Sex/Race/Spanish Origin
<i>Group</i>	
	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

<i>Group</i>	<i>Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

Housing Units With a Family Without Own Children Under 18

6-10	2 persons in housing unit through 8 or more persons in housing unit
------	---

All Other Housing Units

11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

<i>Group</i>	<i>Owner</i>
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	Other Race (includes those races not listed above)	Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16	169-190 Same rent—Spanish origin categories as groups 81 to 102	
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16	VACANT HOUSING UNITS	
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16	Group	
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16	1 <i>Vacant for Rent</i> 2 <i>Vacant for Sale</i> 3 <i>Other Vacant</i>	The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.
81	<i>Renter</i>		
82	<i>White Race</i>		
83	<i>Persons of Spanish Origin</i>		
84	<i>Rent Categories</i>		
85	\$1 to \$59		
86	\$60 to \$99		
87	\$100 to \$149		
88	\$150 to \$199		
89	\$200 to \$249		
90	\$250 to \$299		
91	\$300 to \$399		
	\$400 to \$499		
	\$500+		
	Other Renter		
	No Cash Rent		
92-102	<i>Persons not of Spanish origin</i>		
103-124	Same rent categories as groups 81 to 91		
125-146	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102		
147-168	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102		
	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102		

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <u>1/</u>	Size of publication area <u>2/</u>														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	310	510	570	590	610	610	610	610	610
100 000.....	-	-	-	-	-	-	-	550	630	670	700	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

Ŷ = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <u>1/</u>													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.1
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1	0.1

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

Ŷ = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.8	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.7	1.0	0.6
Vacant price asked and vacant rent asked..	1.0	0.7	0.5
Tenure.....	1.0	0.9	0.5
Units in structure.....	1.0	0.9	0.5
Stories in structure.....	0.9	0.8	0.5
Passenger elevator.....	0.9	0.8	0.5
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.8	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.0	0.8	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.8	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.8	0.5
Value.....	1.0	1.0	0.5

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.

2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.

4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.

5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.

6. If the person's only marriage was annulled, mark Never married.

7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.

8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.

9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.

- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.

- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

H16. If a well provides water for six or more houses or apartments, mark A public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for individual well.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. Dug wells are generally hand dug and are wider.

H17. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

H19. The term person in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

H20. This question refers to the type of heating equipment and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer Yes only if the telephone is located in your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but in a different trailer site).

b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.

b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO A1 A2 A4 A5 A6 L

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

Page 1

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this: ●

When you write in an answer, print or write clearly

Make sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope: no stamp is needed.

Please start by answering Question 1 below.

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here.
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box

Then please:

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

→ ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

<p>Here are the QUESTIONS ↓</p> <p>These are the columns for ANSWERS →</p> <p>Please fill one column for each person listed in Question 1.</p> <p>2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</p>	<p>PERSON in column 1</p> <table border="1"> <tr> <td>Last name</td> <td>Middle initial</td> </tr> <tr> <td>First name</td> <td></td> </tr> </table> <p>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</p> <p>If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister</p> <p>If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee</p>	Last name	Middle initial	First name																																																																																																																					
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<p>3. Sex Fill one circle.</p> <p>4. Is this person — Fill one circle.</p>	<p><input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female</p> <p><input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →</p> <p><input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →</p>																																																																																																																								
<p>5. Age, and month and year of birth</p> <p>a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.</p>	<p>a. Age at last birthday c. Year of birth</p> <table border="1"> <tr> <td>1</td> <td>1</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td></td> <td>2</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>3</td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>4</td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>5</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>6</td> <td>0</td> <td>6</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>7</td> <td>0</td> <td>7</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>8</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>9</td> <td>0</td> <td>9</td> <td>0</td> <td>0</td> </tr> </table> <p>b. Month of birth 1</p> <p><input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.</p> <p>a. Age at last birthday c. Year of birth</p> <table border="1"> <tr> <td>1</td> <td>1</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td></td> <td>2</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>3</td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>4</td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>5</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>6</td> <td>0</td> <td>6</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>7</td> <td>0</td> <td>7</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>8</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>9</td> <td>0</td> <td>9</td> <td>0</td> <td>0</td> </tr> </table> <p>b. Month of birth 1</p> <p><input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.</p>	1	1	8	0	0	0	9	0	1	0	1	0		2	0	2	0	0		3	0	3	0	0		4	0	4	0	0		5	0	5	0	0		6	0	6	0	0		7	0	7	0	0		8	0	8	0	0		9	0	9	0	0	1	1	8	0	0	0	9	0	1	0	1	0		2	0	2	0	0		3	0	3	0	0		4	0	4	0	0		5	0	5	0	0		6	0	6	0	0		7	0	7	0	0		8	0	8	0	0		9	0	9	0	0
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<p>6. Marital status Fill one circle.</p>	<p><input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced</p> <p><input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced</p>																																																																																																																								
<p>7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.</p>	<p><input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic</p> <p><input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic</p>																																																																																																																								
<p>8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</p>	<p><input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related</p> <p><input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related</p>																																																																																																																								
<p>9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</p>	<p>Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> <input type="radio"/> College (academic year) 1 1 2 3 4 5 6 7 8 or more <input type="radio"/> <input type="radio"/> <input type="radio"/> Never attended school — Skip question 10</p> <p>Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> <input type="radio"/> College (academic year) 1 1 2 3 4 5 6 7 8 or more <input type="radio"/> <input type="radio"/> <input type="radio"/> Never attended school — Skip question 10</p>																																																																																																																								
<p>10. Did this person finish the highest grade (or year) attended? Fill one circle.</p>	<p><input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)</p> <p><input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)</p>																																																																																																																								
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If you listed more than 7 persons in Question 1, please see note on page 20.

**NOW PLEASE ANSWER QUESTIONS H1–H12
FOR YOUR HOUSEHOLD**

PERSON in column 7

Last name

First name

Middle initial

If relative of person in column 1:

<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	

If not related to person in column 1:

<input type="radio"/> Roomer, boarder	<input type="radio"/> Other
<input type="radio"/> Partner, roommate	nonrelative
<input type="radio"/> Paid employee	

<input type="radio"/> Male	<input checked="" type="checkbox"/>	<input type="radio"/> Female
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<input type="radio"/> White	<input type="radio"/> Asian Indian
<input type="radio"/> Black or Negro	<input type="radio"/> Hawaiian
<input type="radio"/> Japanese	<input type="radio"/> Guamanian
<input type="radio"/> Chinese	<input type="radio"/> Samoan
<input type="radio"/> Filipino	<input type="radio"/> Eskimo
<input type="radio"/> Korean	<input type="radio"/> Aleut
<input type="radio"/> Vietnamese	<input type="radio"/> Other — <i>Specify</i>
<input type="radio"/> Indian (Amer.)	
<i>Print tribe</i> →	

a. Age at last birthday	c. Year of birth
<input type="checkbox"/>	<input type="checkbox"/> 1
	1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0
	19 <input type="radio"/> 0 1 <input type="radio"/> 0 1 <input type="radio"/> 0
	2 <input type="radio"/> 0 2 <input type="radio"/> 0
	3 <input type="radio"/> 0 3 <input type="radio"/> 0
	4 <input type="radio"/> 0 4 <input type="radio"/> 0
	5 <input type="radio"/> 0 5 <input type="radio"/> 0
	6 <input type="radio"/> 0 6 <input type="radio"/> 0
	7 <input type="radio"/> 0 7 <input type="radio"/> 0
	8 <input type="radio"/> 0 8 <input type="radio"/> 0
	9 <input type="radio"/> 0 9 <input type="radio"/> 0

b. Month of birth	c. Year of birth
<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/> Jan.—Mar.	6 <input type="radio"/> 0 6 <input type="radio"/> 0
<input type="radio"/> Apr.—June	7 <input type="radio"/> 0 7 <input type="radio"/> 0
<input type="radio"/> July—Sept.	8 <input type="radio"/> 0 8 <input type="radio"/> 0
<input type="radio"/> Oct.—Dec.	9 <input type="radio"/> 0 9 <input type="radio"/> 0

<input type="radio"/> Now married	<input type="radio"/> Separated
<input type="radio"/> Widowed	<input type="radio"/> Never married
<input type="radio"/> Divorced	

<input type="radio"/> No (not Spanish/Hispanic)	
<input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano	
<input type="radio"/> Yes, Puerto Rican	<input checked="" type="checkbox"/>
<input type="radio"/> Yes, Cuban	
<input type="radio"/> Yes, other Spanish/Hispanic	

<input type="radio"/> No, has not attended since February 1	
<input type="radio"/> Yes, public school, public college	
<input type="radio"/> Yes, private, church-related	
<input type="radio"/> Yes, private, not church-related	

Highest grade attended:

<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten
--------------------------------------	------------------------------------

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

College (academic year)

1 2 3 4 5 6 7 8 or more

○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

<input type="radio"/> Never attended school — <i>Skip question 11</i>	
---	--

<input type="radio"/> Now attending this grade (or year)	
--	--

<input type="radio"/> Finished this grade (or year)	
---	--

<input type="radio"/> Did not finish this grade (or year)	
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<p>H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?</p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No</p>	<p>H9. Is this apartment (house) part of a condominium?</p> <p><input type="radio"/> No <input type="radio"/> Yes, a condominium</p>
<p>H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?</p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No</p>	<p>H10. If this is a one-family house —</p> <p>a. Is the house on a property of 10 or more acres? <input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No</p>
<p>H3. Is anyone visiting here who is not already listed?</p> <p><input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No</p>	<p>b. Is any part of the property used as a commercial establishment or medical office? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H4. How many living quarters, occupied and vacant, are at this address?</p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer</p>	<p>H11. If you live in a one-family house or a condominium unit which you own or are buying —</p> <p>What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?</p> <p>Do not answer this question if this is —</p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> A mobile home or trailer <input type="radio"/> A house on 10 or more acres <input type="radio"/> A house with a commercial establishment or medical office on the property</p>
<p>H5. Do you enter your living quarters —</p> <p><input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?</p>	<p>H12. If you pay rent for your living quarters —</p> <p>What is the monthly rent?</p> <p>If rent is not paid by the month, see the Instruction guide on how to figure a monthly rent.</p>
<p>H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No, have some but not all plumbing facilities <input type="radio"/> No plumbing facilities in living quarters</p>	<p><input type="radio"/> Less than \$10,000 <input type="radio"/> \$50,000 to \$54,999 <input type="radio"/> \$10,000 to \$14,999 <input type="radio"/> \$55,000 to \$59,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$60,000 to \$64,999 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$65,000 to \$69,999 <input type="radio"/> \$20,000 to \$22,499 <input type="radio"/> \$70,000 to \$74,999 <input type="radio"/> \$22,500 to \$24,999 <input checked="" type="checkbox"/> \$75,000 to \$79,999</p>
<p>H7. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <input checked="" type="checkbox"/> 4 rooms <input type="radio"/> 7 rooms <input type="radio"/> 2 rooms <input type="radio"/> 5 rooms <input type="radio"/> 8 rooms <input type="radio"/> 3 rooms <input type="radio"/> 6 rooms <input type="radio"/> 9 or more rooms</p>	<p><input type="radio"/> \$25,000 to \$27,499 <input type="radio"/> \$80,000 to \$89,999 <input type="radio"/> \$27,500 to \$29,999 <input type="radio"/> \$90,000 to \$99,999 <input type="radio"/> \$30,000 to \$34,999 <input type="radio"/> \$100,000 to \$124,999 <input type="radio"/> \$35,000 to \$39,999 <input type="radio"/> \$125,000 to \$149,999 <input type="radio"/> \$40,000 to \$44,999 <input type="radio"/> \$150,000 to \$199,999 <input type="radio"/> \$45,000 to \$49,999 <input type="radio"/> \$200,000 or more</p>
<p>H8. Are your living quarters —</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?</p>	<p><input type="radio"/> Less than \$50 <input type="radio"/> \$160 to \$169 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$170 to \$179 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$180 to \$189 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$190 to \$199 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$200 to \$224 <input type="radio"/> \$90 to \$99 <input checked="" type="checkbox"/> \$225 to \$249</p> <p><input type="radio"/> \$100 to \$109 <input type="radio"/> \$250 to \$274 <input type="radio"/> \$110 to \$119 <input type="radio"/> \$275 to \$299 <input type="radio"/> \$120 to \$129 <input type="radio"/> \$300 to \$349 <input type="radio"/> \$130 to \$139 <input type="radio"/> \$350 to \$399 <input type="radio"/> \$140 to \$149 <input type="radio"/> \$400 to \$499 <input type="radio"/> \$150 to \$159 <input type="radio"/> \$500 or more</p>

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<u>A4. Block number</u>		<u>A6. Serial number</u>		<u>B. Type of unit or quarters</u>		<u>For vacant units</u>		<u>D. Months vacant</u>		<u>E. Total persons</u>																			
				<u>Occupied</u>		<u>C1. Is this unit for —</u>																							
				<input type="radio"/> First form	<input type="radio"/> Continuation	<input type="radio"/> Year round use	<input type="radio"/> Seasonal/Mig. — <i>Skip C2, C3, and D.</i>																						
				<input type="radio"/> Regular	<input type="radio"/> Usual home elsewhere	<input type="radio"/> For rent	<input type="radio"/> For sale only																						
				<input type="radio"/> Vacant	<input type="radio"/> Elsewhere	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> Held for occasional use																						
				<input type="radio"/> Group quarters	<input type="radio"/> Continuation	<input type="radio"/> Other vacant	<input type="radio"/> Other																						
				<input type="radio"/> First form	<input type="radio"/> Continuation	<u>C3. Is this unit boarded up?</u>	<input type="radio"/> Yes	<input type="radio"/> No																					
				<input type="radio"/> Occupied	<input type="radio"/> Vacant	<u>E. Indicators</u>	<input type="radio"/> Mail return	<input type="radio"/> Pop./F																					
				<input type="radio"/> Continuation	<input type="radio"/> Elsewhere	<input type="radio"/> Other	<input type="radio"/> Other	<input type="radio"/> Other																					
0 0 0	0 0 0	1 1 1	1 1 1	2 2 2	2 2 2	3 3 3	3 3 3	4 4 4	4 4 4	5 5 5	5 5 5	6 6 6	6 6 6	7 7 7	7 7 7	8 8 8	8 8 8	9 9 9	9 9 9	0 0 0	1 1 1	2 2 2	3 3 3	4 4 4	5 5 5	6 6 6	7 7 7	8 8 8	9 9 9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

ALSO ANSWER THESE QUESTIONS

<p>H13. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc.</p> <p><input checked="" type="checkbox"/></p>		<p>H21a. Which fuel is used most for house heating?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>	<p>H22a.</p> <table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H14a. How many stories (floors) are in this building? Count an attic or basement as a story if it has any finished rooms for living purposes.</p> <p><input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories</p>		<p>b. Which fuel is used most for water heating?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>	<p>H22b.</p> <table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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9	9	9																															
<p>b. Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>		<p>c. Which fuel is used most for cooking?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>	<p>H22c.</p> <table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H15a. Is this building —</p> <p><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i> <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?</p>		<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i></p> <p>b. Gas</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i></p> <p>c. Water</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used</p>	<p>H22d.</p> <table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H16. Do you get water from —</p> <p><input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>		<p>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No</p>																															
<p>H17. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means</p>		<p>H24. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms</p>																															
<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974 <input checked="" type="checkbox"/></p>		<p>H25. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms</p>	<table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969</p>		<p>H26. Do you have a telephone in your living quarters?</p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No</p>	<table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H20. How are your living quarters heated? Fill one circle for the kind of heat used most.</p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment</p>		<p>H27. Do you have air conditioning?</p> <p><input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No</p>	<table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H28. How many automobiles are kept at home for use by members of your household?</p> <p><input type="radio"/> None <input checked="" type="checkbox"/> <input type="radio"/> 2 automobiles <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles</p>		<table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	
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<p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p><input type="radio"/> None <input type="radio"/> 2 vans or trucks <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks</p>		<table border="1"> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	
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Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

FOR YOUR HOUSEHOLD

Please answer H30—H32 if you live in a one-family house which you own or are buying, unless this is—

Page 5

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$.00 OR No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

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Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

ANSWER THESE QUESTIONS FOR

<p>Name of Person 1 on page 2: Last name _____ First name _____ Middle initial _____</p> <p>11. In what State or foreign country was this person born? Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</p> <p>Name of State or foreign country, or Puerto Rico, Guam, etc.</p>			<p>16. When was this person born?</p> <p><input type="radio"/> Born before April 1965 — Please go on with questions 17-33</p> <p><input checked="" type="radio"/> Born April 1965 or later — Turn to next page for next person</p> <p>17. In April 1975 (five years ago) was this person —</p> <p>a. On active duty in the Armed Forces?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>b. Attending college?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>c. Working at a job or business?</p> <p><input type="radio"/> Yes, full time <input type="radio"/> No</p> <p><input type="radio"/> Yes, part time</p> <p>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see Instruction guide.</i></p> <p><input type="radio"/> Yes <input type="radio"/> No — Skip to 19</p> <p>b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i></p> <p><input type="radio"/> May 1975 or later</p> <p><input type="radio"/> Vietnam era (August 1964—April 1975)</p> <p><input type="radio"/> February 1955—July 1964</p> <p><input type="radio"/> Korean conflict (June 1950—January 1955)</p> <p><input type="radio"/> World War II (September 1940—July 1947)</p> <p><input type="radio"/> World War I (April 1917—November 1918)</p> <p><input type="radio"/> Any other time</p> <p>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</p> <p>a. Limits the kind or amount of work this person can do at a job? <input type="radio"/> Yes <input type="radio"/> No</p> <p>b. Prevents this person from working at a job? <input type="radio"/> Yes <input type="radio"/> No</p> <p>c. Limits or prevents this person from using public transportation? <input type="radio"/> Yes <input type="radio"/> No</p> <p>20. If this person is a female — <input type="radio"/> None <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 How many babies has she ever had, not counting stillbirths? <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <i>Do not count her stepchildren or children she has adopted.</i> <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12 or more</p> <p>21. If this person has ever been married —</p> <p>a. Has this person been married more than once?</p> <p><input type="radio"/> Once <input type="radio"/> More than once</p> <p>b. Month and year of marriage? <input type="radio"/> Month and year of first marriage?</p> <p>(Month) (Year) (Month) (Year)</p> <p>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>			<p>22a. Did this person work at any time last week?</p> <p><input type="radio"/> Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</p> <p><input checked="" type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</p> <p>Skip to 25</p> <p>b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i></p> <p>Hours _____</p> <p>23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see Instruction guide.</i></p> <p>a. Address (Number and street)</p> <p><i>If street address is not known, enter the building name, shopping center, or other physical location description.</i></p> <p>b. Name of city, town, village, borough, etc.</p> <p>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</p> <p><input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p> <p>d. County</p> <p>e. State _____ f. ZIP Code _____</p> <p>24a. Last week, how long did it usually take this person to get from home to work (one way)?</p> <p>Minutes _____</p> <p>b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i></p> <p><input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — Specify</p> <p><i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>																																																																																							
<p>FOR CENSUS USE ONLY</p> <table border="1"> <thead> <tr> <th>Per.</th> <th>11. <input checked="" type="checkbox"/></th> <th>13b.</th> <th>14. <input checked="" type="checkbox"/></th> <th>15b.</th> <th>23. <input checked="" type="checkbox"/></th> <th>VL</th> <th>24a.</th> </tr> <tr> <th>No.</th> <th>0 0 0</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>I I I</td> </tr> <tr> <td>2</td> <td>2 2 2</td> </tr> <tr> <td>3</td> <td>3 3 3</td> </tr> <tr> <td>4</td> <td>4 4 4</td> </tr> <tr> <td>5</td> <td>5 5 5</td> </tr> <tr> <td>G</td> <td>G G G</td> </tr> <tr> <td>7</td> <td>7 7 7</td> </tr> <tr> <td>0</td> <td>8 8 8</td> </tr> <tr> <td></td> <td>9 9 9</td> </tr> </tbody> </table>						Per.	11. <input checked="" type="checkbox"/>	13b.	14. <input checked="" type="checkbox"/>	15b.	23. <input checked="" type="checkbox"/>	VL	24a.	No.	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	I	I I I	I I I	I I I	I I I	I I I	I I I	I I I	2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	G	G G G	G G G	G G G	G G G	G G G	G G G	G G G	7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	0	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8		9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9
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Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 7

PERSON 1 ON PAGE 2

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — Skip to 28 <input type="radio"/> Drive others only <input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more</p> <p>After answering 24d, skip to 28.</p> <p>25. Was this person <u>temporarily absent</u> or on <u>layoff</u> from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc. <input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No — Skip to 27</p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job <input checked="" type="radio"/> <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons (in school, etc.) <input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier <input type="radio"/> Never worked Skip to 31d</p> <p>28–30. Current or most recent job activity</p> <p>Describe clearly this person's chief job activity or business <u>last week</u>. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business <u>last week</u>, give information for last job or business since 1975.</p> <p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this? Describe the activity at location where employed.</p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="radio"/> Retail trade Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p> <p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p> <p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/> Federal government employee <input type="radio"/> State government employee <input type="radio"/> Local government employee (city, county, etc.) <input type="radio"/> Self-employed in own business, professional practice, or farm — Own business not incorporated <input type="radio"/> Own business incorporated <input type="radio"/> Working without pay in family business or farm <input type="radio"/></p>		<p>CENSUS USE</p> <p>21b.</p> <table border="1"> <tbody> <tr><td>I</td><td>0 0</td></tr> <tr><td>I</td><td>1 1</td></tr> <tr><td>II</td><td>2 2</td></tr> <tr><td>III</td><td>3 3</td></tr> <tr><td>IV</td><td>4 4</td></tr> <tr><td>V</td><td>5 5</td></tr> <tr><td>VI</td><td>6 6</td></tr> <tr><td>VII</td><td>7 7</td></tr> <tr><td>VIII</td><td>8 8</td></tr> <tr><td>IX</td><td>9 9</td></tr> </tbody> </table> <p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No — Skip to 31d</p> <p>b. How many weeks did this person work in 1979? Count paid vacation, paid sick leave, and military service.</p> <p>Weeks</p> <p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>Hours</p> <p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p>Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see Instruction guide.</p> <p>32a. During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes — \$.00 <input type="radio"/> No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</p> <p><input checked="" type="radio"/> Yes — \$.00 <input type="radio"/> No (Annual amount — Dollars)</p> <p>c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes — \$.00 <input type="radio"/> No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes — \$.00 <input type="radio"/> No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input checked="" type="radio"/> Yes — \$.00 <input type="radio"/> No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes — \$.00 <input type="radio"/> No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</p> <p><input checked="" type="radio"/> Yes — \$.00 <input type="radio"/> No (Annual amount — Dollars)</p> <p>33. What was this person's total income in 1979?</p> <p>Add entries in questions 32a through g; subtract any losses. \$.00 (Annual amount — Dollars)</p> <p>If total amount was a loss, write "Loss" above amount.</p> <p>OR <input type="radio"/> None</p>	I	0 0	I	1 1	II	2 2	III	3 3	IV	4 4	V	5 5	VI	6 6	VII	7 7	VIII	8 8	IX	9 9	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <table border="1"> <tbody> <tr><td>0 0</td><td>0 0</td><td>0 0</td></tr> <tr><td>I 1</td><td>I 1</td><td>I 1</td></tr> <tr><td>2 2</td><td>2 2</td><td>2 2</td></tr> <tr><td>3 3</td><td>3 3</td><td>3 3</td></tr> <tr><td>4 4</td><td>4 4</td><td>4 4</td></tr> <tr><td>5 5</td><td>5 5</td><td>5 5</td></tr> <tr><td>6 6</td><td>6 6</td><td>6 6</td></tr> <tr><td>7 7</td><td>7 7</td><td>7 7</td></tr> <tr><td>8 8</td><td>8 8</td><td>8 8</td></tr> <tr><td>9 9</td><td>9 9</td><td>9 9</td></tr> </tbody> </table> <p>32a. 32b.</p> <table border="1"> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>I 1 I 1</td><td>I 1 I 1</td></tr> <tr><td>2 2 2 2</td><td>2 2 2 2</td></tr> <tr><td>3 3 3 3</td><td>3 3 3 3</td></tr> <tr><td>4 4 4 4</td><td>4 4 4 4</td></tr> <tr><td>5 5 5 5</td><td>5 5 5 5</td></tr> <tr><td>6 6 6 6</td><td>6 6 6 6</td></tr> <tr><td>7 7 7 7</td><td>7 7 7 7</td></tr> <tr><td>8 8 8 8</td><td>8 8 8 8</td></tr> <tr><td>9 9 9 9</td><td>9 9 9 9</td></tr> </tbody> </table> <p>32c. 32d.</p> <table border="1"> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>I 1 I 1</td><td>I 1 I 1</td></tr> <tr><td>2 2 2 2</td><td>2 2 2 2</td></tr> <tr><td>3 3 3 3</td><td>3 3 3 3</td></tr> <tr><td>4 4 4 4</td><td>4 4 4 4</td></tr> <tr><td>5 5 5 5</td><td>5 5 5 5</td></tr> <tr><td>6 6 6 6</td><td>6 6 6 6</td></tr> <tr><td>7 7 7 7</td><td>7 7 7 7</td></tr> <tr><td>8 8 8 8</td><td>8 8 8 8</td></tr> <tr><td>9 9 9 9</td><td>9 9 9 9</td></tr> </tbody> </table> <p>32e. 32f.</p> <table border="1"> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>I 1 I 1</td><td>I 1 I 1</td></tr> <tr><td>2 2 2 2</td><td>2 2 2 2</td></tr> <tr><td>3 3 3 3</td><td>3 3 3 3</td></tr> <tr><td>4 4 4 4</td><td>4 4 4 4</td></tr> <tr><td>5 5 5 5</td><td>5 5 5 5</td></tr> <tr><td>6 6 6 6</td><td>6 6 6 6</td></tr> <tr><td>7 7 7 7</td><td>7 7 7 7</td></tr> <tr><td>8 8 8 8</td><td>8 8 8 8</td></tr> <tr><td>9 9 9 9</td><td>9 9 9 9</td></tr> </tbody> </table> <p>32g. 33.</p> <table border="1"> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>I 1 I 1</td><td>I 1 I 1</td></tr> <tr><td>2 2 2 2</td><td>2 2 2 2</td></tr> <tr><td>3 3 3 3</td><td>3 3 3 3</td></tr> <tr><td>4 4 4 4</td><td>4 4 4 4</td></tr> <tr><td>5 5 5 5</td><td>5 5 5 5</td></tr> <tr><td>6 6 6 6</td><td>6 6 6 6</td></tr> <tr><td>7 7 7 7</td><td>7 7 7 7</td></tr> <tr><td>8 8 8 8</td><td>8 8 8 8</td></tr> <tr><td>9 9 9 9</td><td>9 9 9 9</td></tr> </tbody> </table>	0 0	0 0	0 0	I 1	I 1	I 1	2 2	2 2	2 2	3 3	3 3	3 3	4 4	4 4	4 4	5 5	5 5	5 5	6 6	6 6	6 6	7 7	7 7	7 7	8 8	8 8	8 8	9 9	9 9	9 9	0 0 0 0	0 0 0 0	I 1 I 1	I 1 I 1	2 2 2 2	2 2 2 2	3 3 3 3	3 3 3 3	4 4 4 4	4 4 4 4	5 5 5 5	5 5 5 5	6 6 6 6	6 6 6 6	7 7 7 7	7 7 7 7	8 8 8 8	8 8 8 8	9 9 9 9	9 9 9 9	0 0 0 0	0 0 0 0	I 1 I 1	I 1 I 1	2 2 2 2	2 2 2 2	3 3 3 3	3 3 3 3	4 4 4 4	4 4 4 4	5 5 5 5	5 5 5 5	6 6 6 6	6 6 6 6	7 7 7 7	7 7 7 7	8 8 8 8	8 8 8 8	9 9 9 9	9 9 9 9	0 0 0 0	0 0 0 0	I 1 I 1	I 1 I 1	2 2 2 2	2 2 2 2	3 3 3 3	3 3 3 3	4 4 4 4	4 4 4 4	5 5 5 5	5 5 5 5	6 6 6 6	6 6 6 6	7 7 7 7	7 7 7 7	8 8 8 8	8 8 8 8	9 9 9 9	9 9 9 9	0 0 0 0	0 0 0 0	I 1 I 1	I 1 I 1	2 2 2 2	2 2 2 2	3 3 3 3	3 3 3 3	4 4 4 4	4 4 4 4	5 5 5 5	5 5 5 5	6 6 6 6	6 6 6 6	7 7 7 7	7 7 7 7	8 8 8 8	8 8 8 8	9 9 9 9	9 9 9 9
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→ Please turn to the next page and answer the questions for Person 2 on page 2

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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special sub-sample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-2-1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

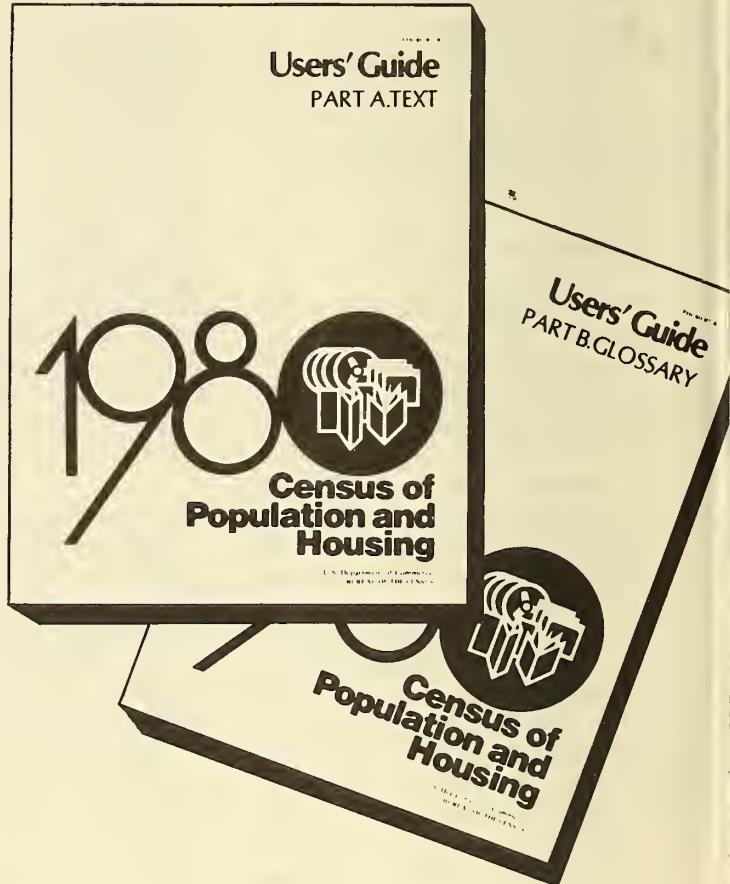
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

Census HD 7293 .A56X
1983 v.2 pt.233 c.3
Census of housing (1980).
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